SunChemical

Pigments Division

Sun Chemical Corporation 185 Foundry Street Newark NJ 07105 201 344 4879 201 344 6875 Fax

October 14, 1996

Mr. Lance R. Richman, P.G. Emergency and Remedial Response Division U.S. Environmental Protection Agency 290 Broadway, 19th Floor New York, New York 10007-1866

Re:

Request for Information Under 42 U.S.C §9601 et seq. Diamond Alkali Superfund Site, Passaic River Study Area: Supplemental Response of Sun Chemical Corporation

Dear Mr. Richman:

This letter responds to the United States Environmental Protection Agency ("US EPA") letter of July 15, 1996 to Sun Chemical Corporation ("Sun Chemical" or "Sun") requesting information pertaining to the above-identified Site ("the Site"). Sun Chemical submitted its original response on August 23, 1996 ("original response"). Sun Chemical hereby supplements its original response with additional information that it has been able to secure pertinent to the Agency's request.

By submitting this supplemental response, Sun Chemical does not waive any of the objections stated in its original response, and hereby incorporates all of its objections from the original response as if fully set forth herein.

Without waiving its general or specific objections, Sun Chemical supplements its responses to certain of the questions as follows. The numbers of the responses correspond to the question numbers in EPA's information request.

Provide a copy of each document which relates to the generation, purchase, use, handling, hauling, and/or disposal of all hazardous substances, including, but not limited to, the substances listed in response to item (3) or (4). If you are unable to provide a copy of any document, then identify the document by describing the nature of the document (e.g. letter, file memo, invoice,

Mr. Lance R. Richman, P.G. October 14, 1996 Page 2

inventory form, billing record, hazardous waste manifest, etc.). Describe the relevant information contained therein. Identify by name and job title the person who prepared the document. If the document is not readily available, state-where it is stored, maintained, or why it is unavailable.

Objection: The scope of this question far exceeds the intended scope of the investigation of the Passaic River Study Site. The question is overly broad. Moreover, Sun objects to the extent that the question was intended to apply to any but its Newark facility as not being relevant to the Site in question. Without waiving its objections, Sun is supplying copies of its 1996 manifests (to date) (annexed hereto as Exhibit 11-1996), 1994 waste manifests (annexed hereto as Exhibit 11-1994) and 1993 waste manifests (annexed hereto as Exhibit 11-1993). (Please note that 1995 manifests were supplied to you with Sun Chemical's initial response.)

12. a) Did you or anyone else sample the soil, ground water, surface water, ambient air or other environmental media at the facility for purposes other than those identified in questions above?

Objection: The scope of this question far exceeds the intended scope of the investigation of the Passaic River Study Site. The question is overly broad. Without waiving its objections, Sun hereby submits a copy of its 1995 air emissions sampling data report annexed hereto as Exhibit 12.a - Air. Sun is also including copies of its 1995 and 1996 (to date) MR-2 forms (effluent monitoring reports) concerning its discharge to the Passaic valley Sewerage Commissioners, annexed hereto as Exhibit 12.a - MR2.

b) If so, please provide all other documents pertaining to the results of these analyses.

See response to 12.a. above.

15. Provide the name, address, telephone number, title and occupation of the person(s) answering this "Request for Information" and state whether such person(s) has personal knowledge of the responses. In addition, identify each person who assisted in any way in responding to the "Request for Information" and specify the question to which each person assisted in responding. Please include the names and addresses of former employees who were contacted to respond to any of the questions.

Mr. Lance R. Richman, P.G. October 14, 1996 Page 3

> Mr. Robert Sharkey Melvin Cox, Esquire Mr. Dennis Morrison

If you have any questions, please call me.

Very truly yours,

Dennis Morrison

Enclosures

cc: Amelia Wagner, Esquire, Assistant Regional Counsel

CERTIFICATION OF ANSWERS TO REQUEST FOR INFORMATION

	N/on to an
State of	New Jersey:
County of	Essex:
submitted in this submitted herever obtaining the interest and that all document and that all document in a ware that possibility of first obligation to suit information release.	penalty of law that I have personally examined and am familiar with the information is document (response to EPA Request for Information) and all documents with, and that based on my inquiry of those individuals immediately responsible for formation, I believe that the submitted information is true, accurate and complete, uments submitted herewith are complete and authentic unless otherwise indicated there are significant penalties for submitting false information, including the ne and imprisonment. I am also aware that my company is under a continuing applement its response to EPA's Request for Information if any additional evant to the matters addressed in EPA's Request for Information or the company's o should become known or available to the company.
NAME	(print or type)
	(print or type) MANAGER TURE
	to me this 24 th day of October, 1996
7. u Notary	lleflei borsky
notary	
	TAMMY MEZHIBOVSKY ary Public, State of New Jersey No. 2160459 Qualified in Union County
Commi	esion Expires December 6, 19

Mr. Lance R. Richman, P.G. October 14, 1996 Page 5

bcc:

Melvin Cox, Esquire Mr. Alan Shearer Mr. James Wiedow

Mr. Robert Sharkey Ellen Radow Sadat, Esquire Susan E. Hoffman, Esquire

EXHIBIT 11 - 1993

Site Nar		CHEMICAL CORPORATION WARK, NJ 07105 D \$ 62 458 842	OFFICIAL USE ONLY Ann. Fee RA Date Rec'd By
		·	
required When s	d to submit a submitting mu	1993 FEE VERIFICATION WORKSHomplete the below fee category information fee, then attach the check where indicultiple reports, each site will require a Formation, any fees owed may be combined into	ation. If your site is ated.
Attach check here (do not send cash) Make Payable to: Treasurer State of New Jersey Mail Report to: NJDEPE, Bureau of Revenue Attention: Annual Reports Unit CN 417 Trenton, New Jersey 08625-0417			
Fee Ca	ategory		
	No Fee	This site (company) manifested less the hazardous waste for the calendar year	
	\$125.00	This site (company) manifested 1.33 tons or more of hazardous waste but less than 10 tons of hazardous waste during the calendar year.	
	\$180.00	This site (company) manifested 10 tor hazardous waste but less than 100 tor during the calendar year.	
X	\$300.00	This site (company) manifested 100 to hazardous waste but less tha 150 tons during the calendar year.	
	\$400.00	This site (company) manifested 150 to hazardous waste during the calendar	

. .

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

NJD002458842

SITE N.

SUN CHEMICAL CORP

EPA ID 185 FOUNDRY ST

NEWARK, NJ 07101 07105

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

1993 Hazardous Waste Report

FORM IC

IDENTIFICATION AND CERTIFICATION

INSTRUCTIONS: Read the detailed instructions beginning on page 9 of the 1993 Hazardous Waste Report booklet before completing this form.			
Sec. I Site name and location address. Complete A through H. Check the box X in items A, C, E, F, G, and H if same as label; if different, enter corrections. If label is absent, enter information. Instruction page 10.			
A. EPA ID No.	B. County ESSEX		
C. Site/company name	D. Has the site name associated with this EPA ID changed since 1991? ☐ 1 Yes 爰 2 No		
E. Street name and number. If not applicable, enter industrial park,	building name, or other physical location description.		
F. City, town, village, etc.	G. State Same as label Same as label C171/105		
Sec. II Mailing address of site. Instruction page 10.			
A. Is the mailing address the same as the location address? \(\)			
B. Number and street name of mailing address			
C. City, town, village, etc.	D. State E. Zip Code		
Sec. III Name, title, and telephone number of the person who sh	nould be contacted if questions arise regarding this report. Instruction page 10.		
A. Please print: Last Name First name M.I. MORRISON DENNIS R	ENVIRONMENTAL ENVIRONMENTAL Extension 1281		
with a system designed to assure that qualified personne inquiry of the person or persons who manage the system information submitted is, to the best of my knowledge a	all attachments were prepared under my direction or supervision in accordance of properly gather and evaluate the information submitted. Based on my m, or those persons directly responsible for gathering the information, the and belief, true, accurate and complete. I am aware that under Section 3008 of the Resource Conservation and Recovery Act for fine and imprisonment for knowing violations."		
A. Please print: Last Name First name M.I. MORRISON DENNIS	2 B. Title ENVIRONMENTAL MANAGER		
C. Signature Lerro L. Maringin	D. Date of signature DZ 25 94 MO. DAY YR.		

Page ! of 6

Over 🛂

Sec. V - Generator Status EPA ID NO.				
	NJD 442 458 842			
A. 1993 generator status instruction page 10 (CHECK ONE BOX BELOW)	B. Reason for not generating Page 12 (CHECK ALL THAT APPLY)			
⊠ 1 LQG ———————————————————————————————————	☐ 1 Never generated	☐ 5 Periodic or occasional generator		
3 SQG ———————————————————————————————————	2 Out of business	☐ 6 Waste minimization activity		
	3 Only excluded or delisted waste	☐ 7 Other ((SPECIFY COMMENTS IN BOX BELOW)		
	4 Only non-hazardous wasts			
Sec. VI - On-Site Waste Management Sta	atus			
A. Storage subject to hazardous waste permitting requirements Instruction page 13	B. Treatment, disposal, or recycling subject that hazardous waste permitting requirements Page 13			
Sec. VII - Waste Minimization Activity du	ring 1992 or 1993			
A. Did the site begin or expand a <u>source</u> <u>reduction</u> activity during 1992 or 1993? Page 15	B. Did the site begin or expand a <u>recycling</u> activity during 1992 or 1993? Page 15	C. Did the site begin systematically investigate opportunities for source reduction or recycling during 1992 or 1994? Page 14		
⊠ 1 Yes □ 2 No	义 1 Yes □ 2 No	⊠ 1 Yes □ 2 No		
D. Did any of the factors listed below delay or line Page 15 (CHECK YES OR NO FOR EACH ITEM Yes No	nit this site's sbility to initiate new or additionally) w source reduction equipment or implement r			
☐ 1 ☐ 2 b. Lack of technical information of ☐ 1 ☐ 2 c. Source reduction is not econo investment	on source reduction techniques applicable to ti mically feasible: cost savings in waste manag	his specific production processes Jement or production will not recover the capital		
☐ 1 ☑ 2 d. Concern that product quality r☐ 1 ☑ 2 e. Technical limitations of the product quality r☐ 1 ☑ 2 e. Technical limitations of the product quality r☐ 1 ☑ 2 e.				
	nplemented - additional reduction does not app			
☐ 1 ☑ 2 h. Source reduction previously implemented - additional reduction does not appear to be economically feasible ☐ 1 ☑ 2 i. Source reduction previously implemented - additional reduction does not appear to be feasible due to permitting requirements ☐ 1 ☑ 2 j. Other (SPECIFY COMMENTS IN BOX BELOW)				
E. Did any of the factors listed below delay or limit this site's ability to initiate new or additional on-site or off-site <u>recycling</u> activities during 1992 or 1993?				
Page 15 (CHECK YES OR NO FOR EACH I	·			
Yes No ☐ 1 ☑ 2 a. Insufficient capital to install no		Technical limitations of production processes inhibit		
or implement new recycling pr	on recycling techniques 💢 1 🙀 2 i. I	on-site recycling Permitting burdens inhibit recycling		
applicable to this site's specifi ☐ 1 ☐ 2 c. Recycling is not economically	feasible: cost savings 🔲 1 🔼 2 k. 🛚	Lack of permitted off-site recycling facilities Unable to identify a market for recyclable materials		
in waste management or prod the capital investment	ا ا	Recycling previously implemented - additional recycling does not appear to be technically feasible		
☐ 1 ☑ 2 d. Concern that product quality r	1	Recycling previously implemented - additionally recycling does not appear to be economically feasible		
☐ 1 ☑ 2 e. Requirements to manifest was off site for recycling	ites inhibit shipments 🔲 1 🖾 2 n. 1	Recycling previously implemented - additional recycling does not appear to be feasible due to		
☐ 1 ☑ 2 f. Financial liability provisions in for recycling	□1 每2 o. (permitting requirements Other (SPECIFY COMMENTS IN BOX BELOW)		
☐ 1 ☑ 2 g. Technical limitations of productions and productions are supported by the support of	ction processes inhibit			

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER: SITE NAME: SUN Chemical Corp Newerk, NJ 09/05 EPAID NO: NIJIDI (01012) 1415181 181412	1993 Hazardous Waste Report FORM GM WASTE GENERATION AND MANAGEMENT	
INSTRUCTIONS: Read the detailed instructions beginning on pa completing this form.		
	Hing of sigments in laboratory. State hazardous waste code Page 19.	
Page 19. Page 20.	Page 20. B 2 9 1. RCRA-radioactive mixed Page 20. Page 20. Page 20.	
Sec. II A. Quantity generated in 1993 in 1992 instruction Page 21.	☐ 1 lbs/gal ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 sg 2 No (SKIP TO SEC. III)	
ON-SITE PROCESS SYSTEM 1 On-site system type	Page 22. on site in 1993	
Sec. III A. Was any of this waste shipped off-site in 1993	1 Yes (CONTINUE TO BOX B)	
Instruction Page 23.		
Site 2 B. EPA ID No. of facility waste was shipped to C. System type Page 23.	be shipped D. Off-site availability E. total quantity shipped in code Page 23.	
Sec. IV A. Did new activities in 1993 result in minimization of th Instruction Page 23.		
B. Activity Page 24. W		
Comments:		

Attachment

Attach a list of hazardous waste manifests for this form. The list must include the uniform hazardous waste manifest document number and the date of the shipment. The back of Form GM may be used for this purpose.

Example:

Document Number

Date Shippped

NJA123456 NJA123457

01/01/93

12/31/93

Dute Shipped

Document Number
1NA 0793034

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER: SITE NAME: SUN Chemical Corp Newark, NJ 09/05	NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY 1993 Hazardous Waste Report
EPAID NO: NIJID 10012 1415181 181412	GM WASTE GENERATION AND MANAGEMENT
INSTRUCTIONS: Read the detailed instructions beginning on pa completing this form.	ge 16 of the 1993 Hazardous Waste Report booklet before
Sec. 1 A. Waste description - Instruction page 18. PCB Co Part of an ECRA remedia	
B. EPA hazardous waste code Page 19.	. State hazardous waste code Page 19.
LINA LINA LINA	L 1X171511
D. SIC code E. Origin code 2 F. Source code Page 19. Page 20. System type M A 6 9	Page 20. B 3 6 1. RCRA-radioactive mixed Page 20. Page 20. Page 20.
Sec. II A. Quantity generated in 1993 in 1992 Instruction Page 21.	C. UOM Density Page 21. D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21. 1 Ibs/gal 2 Sq 1 Yes (CONTINUE TO SYSTEM 1)
ON-SITE PROCESS SYSTEM 1	ON-SITE PROCESS SYSTEM 2
On-site system type Quantity treated, disposed or recycled on site in 1993	On-site system type Quantity treated, disposed or recycled Page 22. Quantity treated, disposed or recycled on site in 1993
<u>M</u>	M
Sec. III A. Was any of this waste shipped off-site in 1993 Instruction Page 23.	1 Yes (CONTINUE TO BOX B) 2 No (SKIP TO SEC. IV)
Site 1 B. EPA ID No. of facility waste was shipped to C. System type Page 23. N V D B G G G G G G G G G G G G G G G G G G	D. Off-site availability E. total quantity shipped in code Page 23.
Site 2 B. EPA ID No. of facility waste was shipped to C. System typ Page 23. to Page 23.	De shipped D. Off-site availability E. total quantity shipped in code Page 23.
Sec. IV A. Did new activities in 1993 result in minimization of the instruction Page 23.	5 2 No (THIS FORM IS COMPLETE)
B. Activity Page 24. C. Other effects Page 24. Page 24. 1 Yes	

Attachment

Attach a list of hazardous waste manifests for this form. The list must include the uniform hazardous waste manifest document number and the date of the shipment. The back of Form GM may be used for this purpose.

Example:

Document Number	Date Shippped
NJA123456	01/01/93
NJA123457	12/31/93

7	
Document Number	Date Shipped
NYB 4318875	1/19/93
NYB 4318902	1/19/93
N4B 4318938	1/18/93
•	1/18/12
N4B 4318974	1/18/93
N4B 4318884	1/18/93
NYB 4318965	1/18/93
N4B 4318983	1/18/93
NYB 4319001	1/18/93
NYB 4318992	1/18/93
NYB 4319019	1/18/93
WYB 4319028	1/18/93
MR 43/903/	1/18/93
11/2 4319055	1/18/93
MYB 43/8947	1/18/93

	0437 100 14	
BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY		
OR ENTER: SITE NAME: SUN Chemical Corp Newark NJ 09/05	AND ENERGY 1993 Hazardous Waste Report	
Newark, NJ 04/05 FORM EPAIDNO: NJD 161612 1415181 1814121 GM	WASTE GENERATION AND MANAGEMENT	
INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 completing this form.	Hazardous Waste Report booklet before	
Sec. 1 A. Waste description - Instruction page 18. Mchanol, water and page 18. Mchanol	laste 15 Corrosive and Combustubl	
B. EPA hazardous waste code Page 19. C. State hazardous waste code Page 19. D. G. State hazardous waste code Page 19.		
DIDIDIZ INA INA	NA LILI	
D. SIC code Page 19. Page 19. System type M D 2 / A 3 2 Page 20. Page 20. Page 20. Page 20. Page 20.	rement H. Form code Page 20. B 2 1 9 Page 20. Page 20.	
in 1992 Page 21. Page 21. Page 21.	D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.	
	gg 2 No (SKIP TO SEC. III)	
On-site system type Quantity treated, disposed or recycled Page 22. On site in 1993 On-site system type Quantity treated, disposed or recycled Page 22. On site in 1993		
MIG211 13729793.0 M1/21 2396314070		
Sec. III A. Was any of this waste shipped off-site in 1993		
Site 1 B. EPA ID No. of facility waste was shipped to C. System type shipped D. Off-site availability E. total quantity shipped in code Page 23.		
<u> </u>		
Site 2 B. EPA ID No. of facility waste was shipped to C. System type shipped D. Off-site availability E. total quantity shipped in code Page 23.		
See NV 4. State of the state of		
Sec. IV A. Did new activities in 1993 result in minimization of this waste: 1 Yes (CONTINUE TO SYSTEM 1) Instruction Page 23.		
W Ø Ø Page 24. new activities Page 25.	Page 24.	

Comments: Sec I Box H. Mixture of Methand, Mineral Spirits, phosphoric and and water Sec IV Box B. Increase recycle copability - New distillation System

Attachment

Attach a list of hazardous waste manifests for this form. The list must include the uniform hazardous waste manifest document number and the date of the shipment. The back of Form GM may be used for this purpose.

Example:

Document Number	Date Shippped
NJA123456 NJA123457	01/01/93 12/31/93

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL

OR ENTER:	ITACH SHE IDENTIFICATION LA	BEL	AND ENERGY
SITE NAME: Sun Cl Newar	remical Corp K, NJ	_ FORM 199	3 Hazardous Waste Report
EPAID NO: WIJIDI (Ø)		PS DI	WASTE TREATMENT, SPOSAL, OR RECYCLING PROCESS SYSTEMS
INSTRUCTIONS: Read the completing	latailed instructions beginning on 3 this form.	page 33 of the 1993 Hazardo	ous Waste Report booklet before
Sec. I A. Waste treatment, Instruction Page 38	disposal, or recycling system de	scription	
B. System type Page 38.	C. Regulatory status Page 39.	D. Operational status Page 39.	E. Unit types Page 39.
Sec. II A. 1993 influent qui Instruction Page 40	UOM Density	B. Maximum operational cap Page 41.	
RCRAZ4131316111210101 "10 11 1bs/gal 2 sg		*	, ,
State 241313161112001-101		State 1919191919191	999 1
C. 1993 liquid effluent quantity Instruction Page 42. Total [2]3 9 6 3 1 H C	UOM Density	D. 1993 solid/sludge residua Page 42.	ul quantity UOM Density
			1
E. Limitation on maximum oper capacity Page 43.	code Page 43.	acity availability G. Pero Page 4	cent capacity commercially available 3.
Comments: Sect	Box A - Values bu		ste water. water potential by 36,000,000 # wether elcycle writ is ed.
Sec II	Bex C - Limitation production	on capacity of 1	elcycle unit 15

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Seen Chancel Corp.

NEWAKK NJ 07, 05

EPA ID NO: NJ J.D. P.O.Z. 458 8142

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

1993 Hazardous Waste Report

FORM OI

OFF-SITE IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the reverse s	ide before completing this form.
Site 1 A. EPA ID No. of off-site installation or transporter	B. Name of off-site installation or transporter ent - Chemical Chemical Wuste Management - Chemical Services
C. Handler type (CHECK ALL THAT APPLY)	D. Address of generator Balmer Road Street 1550 Balmer Road
☐ Generator	Street 1550 balmer Ruall City Model City
☐ Transporter ☑(TSDR	State
Site 2 A. EPA ID No. of off-site installation or transporter	B. Name of off-site installation or transporter
116101 49191 242 6811	Chemical Waste Management Inc.
C. Handler type (CHECK ALL THAT APPLY)	D. Address of generator
☐ Generator ☐ Transporter	StreetCity
☐ TSDR	State Zip
Site 3 A. EPA ID No. of off-site installation or transporter	B. Name of off-site installation or transporter
PIAD (\$14) (\$185) (3119)	HORWITH TRUCKING CORP.
C. Handler type (CHECK ALL THAT APPLY)	D. Address of generator
☐ Generator	Street <u>////4</u>
☑Trensporter ☐ TSDR	City
2.7001	State Calling -P Calli
Site 4 A. EPA ID No. of off-site installation or transporter	B. Name of off-site installation or transporter
Site 4 A. EPA ID No. of off-site installation or transporter	SYSTECH LONESTAR NOUSTRIES
C. Handler type (CHECK ALL THAT APPLY) Generator	D. Address of generator, Street Limedale Road
☐ Transporter	City Green dastle, 4nd
Ø TSDR	State [//N/D] Zip [4/6//13/5]-[]
Site 5 A. EPA ID No. of off-site installation or transporter WIJIDI (4514) (11215) (11614)	B. Name of off-site installation or transporter. Freehold Cavtage /nc-
C. Handler type (CHECK ALL THAT APPLY)	D. Address of generator
☐ Generator	Street N/H
為Transporter	City
A Transporter	City

843710017

INSTRUCTIONS FOR COMPLETING

FORM OI - OFF-SITE IDENTIFICATION

WHO MUST COMPLETE THIS FORM?

Sites required to submit the 1993 Hazardous Waste Report must complete Form OI.

PURPOSE OF THIS FORM

Form OI documents the names and addresses of off-site installations and transporters.

HOW TO COMPLETE THIS FORM

Form OI is divided into five identical parts. You must complete one part for each from each off-site installation to which you shipped hazardous waste, each off-site installation from which you received hazardous waste, and each transporter you used during 1993. If these off-site installations and transporters total more than five, you must photocopy and complete additional copies of the form. You do not need to report the address, Box D, for transporters.

Throughout the form enter "NA" if the information requested is not applicable. Use the Comments section at the bottom of the form to clarify or continue any entry. Reference the comment by entering the site number and box letter.

ITEM-BY-ITEM INSTRUCTIONS

Complete Boxes A through D for each off-site installation to which you shipped hazardous waste and each off-site installation from which you received hazardous waste during 1993.

Complete Boxes A through C for each transporter you used during the year.

Box A: EPA ID No. of off-site installation or transporter

Enter the 12-digit EPA ID number of off-site installation to which you shipped hazardous waste or from which you received hazardous waste. Or, enter the EPA ID number of the transporter who shipped hazardous waste to or from your site. Each EPA ID should appear only once. If the off-site installation or transporter did not have an EPA ID number during 1993, enter "NA" in Box A.

Box B: Name of off-site installation or transporter

Enter the name of the off-site installation or transporter reported in Box A.

Box C: Site Type

Check all boxes that apply to describe the handler type of the off-site or transporter reported in Box A.

Box D: Address of off-site installation

Enter the address of the off-site installation reported in Box A. If the EPA ID number reported in Box A refers to a transporter, enter "NA" in Box D.

Month	Methanol Used (*)	Methanol Recovered (社)	Gallons	Monthly Percentage Recovered	Monthly Water (M.Gal)	Budget Recovery	
Jan 93	767,287	359,319	54,196	46.8	2.85		
Feb 93	633,729	255,553	38,545		1.97		
Mar 93	728,909	253,014	38,162		2.68	45.00	
Apr 93	582,696	274,343	41,379		2.24	45.00	
May 93	606,060	259,372	39,121	42.8	2.55	45.00	
June 93	718,957	259,704	39,171	36.1	2.48	45.00	4
July 93	192,709	122,655	18,500	63,6	0.83	45.00	Increased reight
Aug 93	-134,451	319,016	48,117	43.4	_ 3.17	45.00	tosene 45% bus
Sept 93	-721,393	357,377	53,903	49.5	2.16	65.00	32463
Oct 93	-740,314	478,892	72,231	64.7	2.29	65.00	145842
Nov 93	- 678,620	486,357	73,357	71.7	2.56	35.00	181 192
Dec 93	600,225	304,191	45,881	50.7	3.20	35.00	34 213
Totals	7,705,350	3,729,793	562,563	48.4	29.18		393,710 H

Capacity is 34,00,000 med

43 Hz0 usage total = 243,361,200 #

Water touter

Assume Water usage = Waste Water generated

System | Atill ______ = Regulad - 3,729,793 #

Mech

Apptern 2 neutralization ______ Treated - balance
243361200 - 37297
= 239631407#

843710019

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF SOLID AND HAZARDOUS WASTE MANAGEMENT P.O. Box 7035 Indianapolis, IN 46207-7035

		ise on elite (12-pitch typewritei S EPA No					99. Expires 9-30-94
	WASTE MANIFEST N.J. DO .0	2 4 .5 . 88 . 42	Manifest Document No.	3 1	not requitems D. State law	uired by F, H, I an v.	e shaded areas is Federal law, but d K are required by
	3. Generator's Name and Mailing Address Sun Chem	ical		A. St	ate Manifest Doci		_
	185 Foun			IN		<u> 303</u>	4
	Newark, 1	N.J. 07105		B. St	ate Generator's II	D	•
	5. Transporter 1 Company Name	6. US EPA ID Number		C. St	ale Transporter's	ID TO	0/2365
	Freehold Cartage, Inc.	J DO 5 4 · 12	6 16 4	D. Tr	ansporter's Phon	°908-	462-1001
	7. Transporter 2 Company Name	8. US EPA ID Number		E. St	ate Transporter's	ID	
	9. Designated Facility Name and Site Address	10 US EPA ID Number	• • • •		ansporter's Phon tate Facility's ID		
	Systech/Lonestar (Lonestar Limedale Rd.	Industries)			acility's Phone		
	Greencastle. In. 46135	I N D . 00 . 6 . 41	9 . 21 2	3	17-653-2	2606	
	11. US DOT Description (Including Proper Shipping Name, Haze		12. Contain		13. Total	14. Total	I. Waste No.
	<u> </u>		No. 1	уре	Quantity	Wt/Vol.	
G E N	^a RQ, Waste Flammable Liquids, 3, UN-1993, PG II, (erg=27)	N.O.S. RQ=100					
E	(Xylene & Ethyl Benzene)		00 1 1	M D	<u>:00 5 :5</u>	_G	_D001
A							
0				.			
R	C						
$\ \cdot\ $							
Ш	d						
П							
				<u>. l</u>]	
	J. Additional Descriptions for Materials Listed Above		ļ ^K	. Handli	ng Codes for Was	stes Liste	d Above
	11/20110 - 134	205 (E)					
	15. Special Handling Instructions and Additional Information			,	T-16		
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	16. GENERATOR'S CERTIFICATION: I hereby declare that the	REC 1-800-42 contents of this consignmen	it are fully and	accura	tely described a	bove by :	proper shipping
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EPA Form 8700-22 Previous editions are obsolete State Form 11865 (R/4-89)

SYSTECH ENVIRONMENTAL CORPORATION 245 North Valley Road Xenia, Ohio 45385 (513)372-8077

CERTIFICATE OF DESTRUCTION

This hereby certifies that waste as defined on Hazardous Waste Manifest No. INA0793034/11043from SUN CHEMICAL

EPA Identification # NJD002458842 , was received by Systech Environmental Corp. , EPA RCRA Permit Identification # IND006419212 .

The waste material was received on: 11/08/93

This waste is to be re-used in accordance with Federal

(40 CFR 260 thru 270) and corresponding State hazardous waste regulations.

Re-use method: Hazardous Waste burned for energy recovery in a Cement Kiln.

Destruction Commenced on or about the following date*:

Wayne Sartin

Facility Manager

* The date given above refers to when your waste shipment, which has been processed into fuel, was introduced into the cement kiln for re-use as a waste fuel.

STATE OF NEW YORK

DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

Please print or type. Do not Staple.

P.O. Box 12820, Albany, New York 12212

Form Approved, OMB No. 2050-0039. Expires 9-30-94

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EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.



SUN CHEMICAL CORPORATION ATTN: MANIFEST SECTION NJD002458842 185 FOUNDRY ST NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/19/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4318983 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/19/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC

CWM Tracking ID: 21724500 CWM Drum #: 1 thru 1

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibiliting for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Rathleen J. Arigoni

KATHLEEN J. ARIGONI RECORDS SUPERVISOR Certificate # 5013

01/20/93

FED. EPA ID: NYD049836679

ZAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

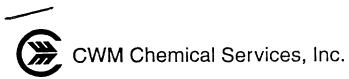
DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES REGULATION

843710024

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

HAZARDOUS WASTE MANIFEST

e print or type. Do not Staple.	P.O. Box 12820, Albany, New Yo				 	Expires 9-30-94
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SUN CHEMICAL CORPORATION ATTN: MANIFEST SECTION NJD002458842 185 FOUNDRY ST NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/20/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4318902 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/20/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC

CWM Tracking ID: 21746200 CWM Drum #: :

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibilitiy for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Xathleen J. Arigoni

KATHLEEN J. ARIGONI RECORDS SUPERVISOR Certificate # 5093

01/21/93

FED. EPA ID: NYD049836679

STÄTE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

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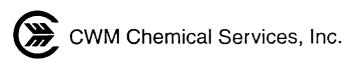
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COPY 5 - Generator-mailed by TSD facility

CWM-2001A (11/91)

In case of emergency or splil immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

Generator Copy—Remove this copy prior to shipping and keep with manifest records



SUN CHEMICAL CORPORATION ATTN: MANIFEST SECTION NJD002458842 185 FOUNDRY ST NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL -CORPORATION on 01/20/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4318875 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/20/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC

CWM Tracking ID: 21746300 CWM Drum #: :

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibiliting for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Action J. Arigoni

KATHLEEN J. ARIGONI RECORDS SUPERVISOR Certificate # 5094

01/21/93

FED. EPA ID: NYD049836679

STATE OF NEW YORK

DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

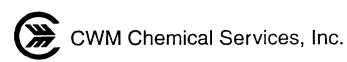
Please print or type. Do not Staple.

case of emcrgency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

P.O. Box 12820, Albany, New York 12212 Form Approved. OMB No. 2050-0039. Expires 9-30-94

ONII ONIII HAZANDOOO	or's US EPA No.	Manifest Document	2. Pa		tion in the shaded areas equired by Federal Law.
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Hewark #J 07105 4. Generator's Phone (201 344-4879				enerator's ID	
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Chimical Wasti Management to	K JUDIO 99	20268	D. Tr	ansporter's Phon	e (401) 465-2121.
7. Transporter 2 (Company Name)	8. US EPA ID Nu		E. St	ate Transporter's	
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11. US DOT Description (Including Proper Shipping Name, F	Hazard Class and ID No		ontainers	13. Total Quantity	Unit I. Wt/Voll Waste No.
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J. Additional Descriptions for Materials listed Above			KH	landling Codes fo	or Wastes Listed Above
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15. Special Handling Instructions and Additional Information	on W.D. #	21722	5		
Waste Profile No. AB2269	Certificate	•			
Removal Bate: 1118/93 In	case of emoty	lench call:	(201)	344~4879	
 GENERATOR'S CERTIFICATION: I hereby declare that classified, packed, marked and labeled, and are in all respects 	t the contents of this consi in proper condition for tra	ignment are fully and insport by highway ac	accurately d	escribed above by p applicable internatio	proper shipping name and are and and national government
regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in	place to reduce the volume	and toxicity of waste	generated to	the degree I have d	etermined to be economically
practicable and that I have selected the practicable method trea health and the environment; OR if I am a small generator, I have r to me and that I can afford.	tment, storage, or disposal	currently available to	ne which n	ninimizes the preser	nt and future threat to human
Printed/Typed Name	Signature	and a			Mo. Day Year
Tarket Bank to	- Jake	1		· · · · · · · · · · · · · · · · · · ·	41,1843
17. Transporter 1 (Acknowledgement of Receipt of Material					
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18. Transporter 2 (Acknowledgement or Receipt of Materia	ls)	y y	· hacu	<u> </u>	011870
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19. Discrepancy Indication Space			tem,	K-K1	
astral		18334	K		
20. Facility Owner or Operator: Certification of receipt of I	nazardous materials co	vered by this mani	fest excep	t as noted in Iter	n 19.
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EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.



SUN CHEMICAL CORPORATION ATTN: MANIFEST SECTION NJD002458842 185 FOUNDRY ST NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/19/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4319055 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/19/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC

CWM Tracking ID: 21722300 CWM Drum #: 1 thru 1

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibilitiy for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Mathleen J. Arigoni.

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KATHLEEN J. ARIGONI RECORDS SUPERVISOR Certificate # 4998 01/20/93 FED. EPA ID: NYD049836679

AND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

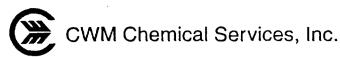
In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the Nex. Dept. of Environmental Conservation (518) 457-7362.

DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

ase print or type. Do not Staple.		J, Albany, New Y	OFK 1221	Z For	m Approved. OMB No	. 2050-0039	. Expires 9-30-94
UNIFORM HAZARDOUS WASTE MANIFEST		4 5 8 8 4 2	Manifest Documen				he shaded areas by Federal Law.
3. Generator's Name and Mailing Address 186 Foundry Street Resect 3J 87105	SUR CHEMICAL	CORPORATEON			State Manifest D NY B	ocument	03 7
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	SE MENT I				Transporter's Ph		1465-71
7. Transporter 2 (Company Name)	8	. US EPA ID Numbe			State Transporte		, E A
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11. US DOT Description (Including Proper S	hipping Name, Hazard	Class and ID Number		Va 1 - 1 - 1 - 1 - 1 - 1	Total	Unit	1.
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J. Additional Descriptions for Materials list	ed Above		<u> </u>	K a	. Handling Codes	for Waste	es Listed Above
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15. Special Handling Instructions and Add	tional Information	W.O. # 2	172	24			
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REmovel Date: 1/18/93		la cese o		-	• .	344-	4879
16. GENERATOR'S CERTIFICATION: I classified, packed, marked and labeled, and regulations and state laws and regulations.	hereby declare that the co are in all respects in prop	ntents of this consignment of transpo	ent are fully a t by highway	and accurately according t	ly described above b to applicable interna	y proper shational and	ipping name and are national governmen
If I am a large quantity generator, I certify that practicable and that I have selected the pract health and the environment; OR if I am a smal to me and that I can afford.	icable method treatment, s	storage, or disposal curr	ently availabl	e to me whic	h minimizes the pre	sent and fu	ture threat to humar
Printed/Typed Name		Signature	A		`		Mo. Day Yea
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17. Transporter 1 (Acknowledgement of Re	ceipt of Materials)				3		
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18. Transporter 2 (Acknowledgement or Re	ceipt of Materials)	<i>*</i>	1				
Printed/Typed Name		Signature		•			Mo. Day Yes
19. Discrepancy Indication Space	j		· · · · · · · · · · · · · · · · · · ·				
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20. Facility Owner or Operator: Certification	on of receipt of hazarde	ous materials covere	うう <u>人</u> d by this m	anifest exc	ept as noted in I	tem 19.	
20. Facility Owner or Operator: Çertification Printed/Typed Name	Ī	•					Mo Day Ya
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EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.



SUN CHEMICAL CORPORATION ATTN: MANIFEST SECTION NJD002458842 185 FOUNDRY ST

NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/19/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4319037 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/19/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC

CWM Tracking ID: 21722400 CWM Drum #: 1 thru 1

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibiliting for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Kathleen J. Arigoni

KATHLEEN J. ARIGONI FED. EPA ID: NYD049836679 RECORDS SUPERVISOR Certificate # 4999

01/20/93

AND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

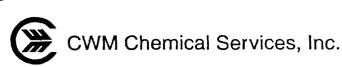
STATE OF NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES REGULATION

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

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HAZARDOUS WASTE MANIFEST

Please print or type. Do not Staple.		2820, Albany, New York	12212	Form A	Approved. OMB No. 2	050-0039	. Expires 9-30-94
UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's	2 4 5 4 8 4 2 0 Dac	ifest Iment No.	2. Pa			he shaded are by Federal La
Generator's Name and Mailing Address 185 Toundry Street	Ser Chile	ALC CORPORATORS		A. St	ate Manifest Doc NY B	ument	02 8
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7. Transporter 2 (Company Name)	MOBS MANY	8. US EPA ID Number	6517		ansporter's Phon		
7. Transporter 2 (gonipany realis)		1	1 1 1		ansporter's Phon) XA
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11. US DOT Description (Including Prope		ard Class and ID Number)	12. Cont		13. Total	14. Unit	l.
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J. Additional Descriptions for Materials I	sted Above			K. H	landling Codes fo	r Wast	es Listed A <u>bo</u>
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15. Special Handling Instructions and Ad	L	W.O.			217 2 2	5	
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Removal Bate: 1/18/93	in case	of emergency call:	(20)	!} 34	4-4879		
16. GENERATOR'S CERTIFICATION classified, packed, marked and labeled, ar regulations and state laws and regulations	nd are in all respects in						
If I am a large quantity generator, I certify to practicable and that I have selected the pr	hat I have program in plac						
health and the environment; OR if I am a sr							
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T 17. Transporter 1 (Acknowledgement of	Receipt of Materials)				2		
Printed/Typed Name N S P 18. Transporter 2 (Acknowledgement or	AMM	Signatur	-	J.			Mo. Day
18. Transporter 2 (Acknowledgement or	Receipt of Materials)) 6			11/17
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19. Discrepancy Indication Space	Tim K-	L					
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SUN CHEMICAL CORPORATION ATTN: MANIFEST SECTION NJD002458842 185 FOUNDRY ST NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/19/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4319028 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/19/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC

CWM Tracking ID: 21722500 CWM Drum #: 1 thru 1

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibiliting for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Tathleen J. Arigonia

Nathleen J. Arigoni

KATHLEEN J. ARIGONI RECORDS SUPERVISOR Certificate # 5000 01/20/93 FED. EPA ID: NYD049836679

STATE OF NEW YORK

DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES REGULATION

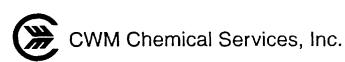
HAZARDOUS WASTE MANIFEST

ease print or type. Do not Staple.

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-94

	UNIFORM HAZARDOUS WASTE MANIFEST 1. Generator's US EPA No. Manipole Doct Martin Discrete Manipole Man	ifest ument No.	2. Page of	1 Information is not required.	on in the shaded areas uired by Federal Law.						
	3. Generator's Name and Mailing Address 165 Foundry Street Hevery BJ 07105 4. Generator's Phone (201 344-4879		<u> </u>	Manifest Doct Y B	1901 9						
Ī	5. Transporter 1 (Company Name) 6. US EPA ID Number										
	7. Transporter 2 (Company Name) 8. US EPA ID Number	1 3 F		porter's Phone Transporter's							
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4	THOUSE CETY NY 14107 480049831	679		16 756-	1231						
	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Cont	ainers Type	13. Total Quantity	14. Unit I. Wt/Voi Waste No.						
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	15. Special Handling Instructions and Additional Information Waste Profile No. AB2269 Certificate of Disposel Required. Removal Date: In case of emergency call: (201) 344-4879										
	16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are a classified, packed, marked and labeled, and are in all respects in proper condition for transport by his regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity practicable and that I have selected the practicable method treatment, storage, or disposal currently average.	ghway accorr of waste gen	ding to applerated to the	icable internation degree I have de	al and national government elermined to be economically						
	health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my to me and that I can afford.										
	Printed/Typed Name Signature				Mo. Day Year						
Į.	17. Transporter 1 (Acknowledgement of Receipt of Materials)			<u> </u>	<u> </u>						
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FA	19. Discrepancy Indication Space Thomas 1808										
C	20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by the	nis manifes	t except a	s noted in Item	19.						
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EP	A Form 8700-22 (Rev. 9-88) Previous editions are obsolete.		77								



SUN CHEMICAL CORPORATION ATTN: MANIFEST SECTION NJD002458842 185 FOUNDRY ST NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/19/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4319019 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/19/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC

CWM Tracking ID: 21723000 CWM Drum #: 1 thru 1

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**Tathleen J. Arigon!

KATHLEEN J. ARIGONI RECORDS SUPERVISOR Certificate # 5003

01/20/93

FED. EPA ID: NYD049836679

a subsidiary of Chemical Waste Management, Inc.

AND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

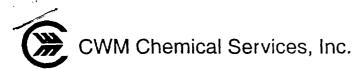
STATE OF NEW YORK** * DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES REGULATION

843710036

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

HAZARDOUS WASTE MANIFEST P.O. Box 12820, Albany, New York 12212

ease print of type. Do not Staple.	F.O. Box 12820, Albany, New To					. Expires 9-30-94
UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA No.	Manifest Document No	2. Pag	is not r	equired	he shaded areas by Federal Law.
3. Generator's Name and Mailing Address 185 Foundry Street	SUR CHEMICAL COMPORATION	£	A. Stat	e Manifest Do	cumen!	No. 4
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5. Transporter 1 (Company Name)	6. US EPA ID Number		C. Stat	e Transporter	s ID AL	17422U
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11. US DOT Description (Including Proper Ship	pping Name, Hazard Class and ID Number)	12. Cont	Type	13. Total Quantity	14. Unit Wt/Vol	l. Waste No.
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J. Additional Descriptions for Materials listed	Above		K. Har	ndling Codes f	or Wast	es Listed Above
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	And the state of t	i sa esta esta en la e La esta en la esta en	b		, d	
15. Special Handling Instructions and Addition	onal Information	7234				
Waste Frofile No. AB2269	Certificate o	f Dispos				·
Removal Date: 1/18/93	Cardo la case of emergen	my calls	(20	1) 344-42	179 _{///}	ent 1755
16. GENERATOR'S CERTIFICATION: 1 he	reby declare that the contents of this consignment	are fully and acc	urately des	cribed above by	proper sh	ipping name and are
classified, packed, marked and labeled, and are regulations and state laws and regulations.	e in all respects in proper condition for transport b	y highway accor	ding to app	olicable internati	onal and	national government
practicable and that I have selected the practical	have program in place to reduce the volume and toxi able method treatment, storage, or disposal currentl	ly available to me	which min	imizes the prese	ent and fu	ture threat to human
health and the environment; OR if I am a small go to me and that I can afford.	enerator, I have made a good faith effort to minimize	my waste and s	elect the be	est waste manage	ement me	thod that is available
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A C 20. Facility Owner or Operator: Certification	of receipt of hazardous materials covered by	by this manifes	t except a	as noted in Ite	m 19.	
Printed/Typed Name	Signature					Mo. Day Year
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SUN CHEMICAL CORPORATION ATTN: MANIFEST SECTION NJD002458842

185 FOUNDRY ST NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/19/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4319001 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/19/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC

CWM Tracking ID: 21723400 CWM Drum #: 1 thru 1

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Kathleen J. Arigoni

KATHLEEN J. ARIGONI RECORDS SUPERVISOR Certificate # 5007

01/20/93

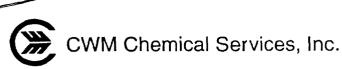
In case of emergency or spill immediately call line National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES REGULATION

843710038

HAZARDOUS WASTE MANIFEST

UNIFORM HAZARDOUS WASTE MANIFEST		JS EPA No.	11	T 2 Pa	1 1-6	41 1- 11	
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15. Special Handling Instructions and Addi Hasta Profile No. A32265 Escovel Date: 1817. 16. GENERATOR'S CERTIFICATION: I classified, packed, marked and labeled, and regulations and state laws and regulations. If I am a large quantity generator, I certify that practicable and that I have selected the pract health and the environment; OR if I am a small to me and that I can afford. Printed(Typed Name)	tional Information hereby declare that the are in all respects in pr I have program in place icable method treatmen	contents of this consignmen roper condition for transport to reduce the volume and to:	t are fully and acc by highway accor xicity of waste gen tily available to me	urately designing to appearated to the which min	scribed above by plicable internation the degree I have on imizes the prese	proper shi onal and ri determined nt and fut ement met	national government of to be economically ure threat to human hod that is available Mo. Day Year
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SUN CHEMICAL CORPORATION ATTN: MANIFEST SECTION NJD002458842 185 FOUNDRY ST NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/19/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4318992 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/19/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC

CWM Tracking ID: 21724100 CWM Drum #: 1 thru 1

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Tathleen J. Arigoni

Tathleen J. Arigoni

KATHLEEN J. ARIGONI

RECORDS SUPERVISOR Certificate # 5009

01/20/93

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

843710040

Please print or type. Do not Staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N. Dept. of Environmental Conservation (518) 457-7362.

P.O. Box 12820, Albany, New York 12212

Form Approved, OMB No. 2050-0039, Expires 9-30-94

print or type. Do not Staple.		o, Albally, New	10111		FOIIII /	Approved. OMB N	0. 2030-003	5. Expires 5-30-54
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Generator's Phone (26)) 344-48	79	19			B. G	ellerator s ib		
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regulations and state laws and regulations.					_			
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health and the environment; OR if I am a sm to me and that I can afford.	all generator, I have made a	good faith effort to mir	nimize my	waste and s	elect the	best waste man	agement m	ethod that is avail
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7. Transporter 1 (Acknowledgement of F	Receipt of Materials)							
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EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.



SUN CHEMICAL CORPORATION ATTN: MANIFEST SECTION NJD002458842 185 FOUNDRY ST NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/19/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4318884 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/19/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC

CWM Tracking ID: 21723100 CWM Drum #: 1 thru 1

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Kathleen J. Arigoni

KATHLEEN J. ARIGONI RECORDS SUPERVISOR Certificate # 5004

01/20/93

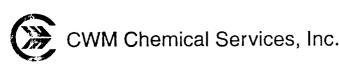
STATE OF NEW YORK

DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

print or type. Do not Staple.	P.O. BOX 128	20, Albany, New Tol	12212	Form	Approved. OMB No.	2050-0039. E	xpires 9-30-94
UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's U		Manifest Decument N				shaded areas Federal Law.
. Generator's Name and Mailing Addre	SUN CHEN	ICAL CORPORATIO	338	A. S	tate Manifest Do	cument No	6 5
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Transporter 2 (Company Name)	<u> </u>	8. US EPA ID Number			ransporter's Phor tate Transporter's		1
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Removel Date:	1/18/93	In case of on			: (201) 34	4-4879	:
 GENERATOR'S CERTIFICATION classified, packed, marked and labeled, a regulations and state laws and regulation if I am a large quantity generator, I certify 	and are in all respects in pro s.	per condition for transport b	y highway acc	arding to	applicable internatio	onal and nati	ional government
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8. Transporter 2 (Acknowledgement or rinted/Typed Name	neceipt of Materials)	Signature				Mo	o. Day Yea
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0. Facility Owner or Operator: Certific	ation of receipt of hazar	dous materials covered by	y this manif	est excep	t as noted in Iter	n 19.	
Printed/Typed Name	-	Signature	iVe	11.		Mi	o. Day Yea
Kathi Villent	wer.	Jula	LVL	elin.	un		11111

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.



SUN CHEMICAL CORPORATION ATTN: MANIFEST SECTION NJD002458842 185 FOUNDRY ST NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/19/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4318965 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/19/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC

CWM Tracking ID: 21724200 CWM Drum #: 1 thru 1

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibilitiy for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Mathleen J. Arigoni

KATHLEEN J. ARIGONI RECORDS SUPERVISOR Certificate # 5010

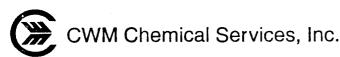
01/20/93



STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

UNIFORM HAZARDOUS 1. Generator's US EPA No.	Manifoot	Dege 1	Internation	is the shaded eases
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3. Generator's Name and Mailing Address ST CHEMICAL COMPONATION		A. State M	anifest Docume	894 7
185 Foundary Street Bowark BJ 07105 4. Generator's Phone (20) 344-4879		B. Generat		
5. Transporter 1 (Company Name) 6. US EPA ID Number	m 1 0		ransporter's ID	(fa) TN 7497
HORNSTH TRUCKS PADOLAD	47 717	 	orter's Phone (215) 262-27
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SUN CHEMICAL CORPORATION ATTN: MANIFEST SECTION NJD002458842 185 FOUNDRY ST NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/19/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4318947 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/19/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC

CWM Tracking ID: 21723600 CWM Drum #: 1 thru 1

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibiliting for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Mathleen J. Arigoni

KATHLEEN J. ARIGONI RECORDS SUPERVISOR

Certificate # 5008

01/20/93

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In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

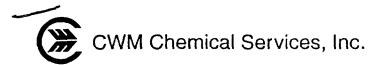
HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved, OMB No. 2050-0039, Expires 9-30-94

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n 8700-22 (Rev. 9-88) Previous editions are obsolete.



SUN CHEMICAL CORPORATION ATTN: MANIFEST SECTION NJD002458842 185 FOUNDRY ST NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/19/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4318938 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/19/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC

CWM Tracking ID: 21725200 CWM Drum #: 1 thru 1

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibiliting for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Kathleen J. Arigoni Kettler of Aregon

KATHLEEN J. ARIGONI RECORDS SUPERVISOR Certificate # 5014

01/20/93

STATE OF NEW YORK

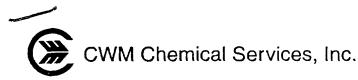
DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES REGULATION

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In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

HAZARDOUS WASTE MANIFEST P.O. Box 12820, Albany New York 12212

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SUN CHEMICAL CORPORATION ATTN: MANIFEST SECTION NJD002458842 185 FOUNDRY ST NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

•Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/19/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4318974 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/19/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC

CWM Tracking ID: 21723500 CWM Drum #: 1 thru 1

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibiliting for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Mathleen J. Arigoni

KATHLEEN J. ARIGONI RECORDS SUPERVISOR Certificate # 5047

EXHIBIT 11 - 1994

aay

Sun Chemical Corp. 185 Foundry St OFFICIAL USE ONLY Site Name Ann. Fee Date EPA ID No. Rec'd By 1994 FEE VERIFICATION FORM INSTRUCTIONS: Complete the below fee category information. If your site is required to submit a report and a fee, attach the check where indicated and return this page with your report. When submitting multiple reports, each site will require a separate Fee Verification Form; however, any fees owed may be combined into one check. Attach check here (do not send cash) Make Payable to: Treasurer State of New Jersey NJDEP, Bureau of Revenue Mail Report to: Attention: Hazardous Waste Regulation Program CN 417 Trenton, New Jersey 08625-0417 Fee Category This site was a transporter of waste oil only from exempt or No Fee small quantity generators; or This site was not a NJ large quantity generator; or VThis site (company) manifested less than 1.33 tons of hazardous waste for the calendar year. \$125.00 This site (company) manifested 1.33 tons or more of hazardous waste but less than 10 tons of hazardous waste during the calendar year. \$180.00 This site (company) manifested 10 tons or more of hazardous waste but less than 100 tons of hazardous waste during the calendar year. \$300.00 This site (company) manifested 100 tons or more of hazardous waste but less than 150 tons of hazardous waste during the calendar year. This site (company) manifested 150 tons or more of \$400.00 hazardous waste during the calendar year.

REFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:	NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
SITE NAME: SUP CHEUNICA COLD 185 Enchdry St. November 1850	1994 Hazardous Waste Report
EPA ID NO: NIJIDI PAPOTI 115181 (81412)	IC IDENTIFICATION AND CERTIFICATION
	*** **********************************
INSTRUCTIONS: Read the detailed instructions beginning on page	9 of the 1994 Hazardous Waste Report booklet before completing this form.
Sec. I Site name and location address. Complete A through H. II	rtruction page 10.
N. 510 (1812) 4. S. & (8. 4.2)	County FSSEX
C. Site/company name). Has the site name associated with this EPA ID changed since 1993?
Sur Chemical (Fr):	1uit-fing name, or other physical location description.
F. City, town, village, etc.	G. State H. Zip Code
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The Market of the Control of the Con	Transfer and the control of the cont
Sec. II Mailing address of site. Instruction page 10.	
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8. Number and street name of mailing address	
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	ul- be contacted if questions arise regarding this report. Instruction page 10.
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Sec.VI - On-Site Waste Managemen	nt Status						
A. Storage subject to hazardous waste permitting beyond 90 days requirements Page hazardous waste permitting requirements Page 13.							
	2.0						
Sec.VII - Waste Minimization Activi	ty during 19:	93 or 1994					
Sec.VII - Waste Minimization Activity A. Did this site begin or expand a serioduction activity during 1993 or 1514.	ource	B. Did this site begin or expand a recycling activity during 1993 or 1994? Page 15.	C. Did this site systematically investigate opportunities for source reduction or recycling during 1993 or 1994? Page 15.				
A. Did this site begin or expand a <u>sereduction</u> activity during 1993 or 1	ource	B. Did this site begin or expand a recycling activity	opportunities for source reduction or				
A. Did this site begin or expand a <u>s</u> reduction activity during 1993 or 15 14.	ource 9947 Page	B. Did this site begin or expand a recycling activity during 1993 or 1994? Page 15.	opportunities for source reduction or recycling during 1993 or 1994? Page 15.				
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BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1994 Hazardous Waste Report Booklet before completing this form. Sec. I A. Waste description - Instruction page 18. Flammable liquid from paint testing
Sec. 1 A. Waste description - Instruction page 18. Flammable liquid from paint testing
generated by quality control testing of organic pigments
B. EPA hazardous waste code Page 19. DIDIDIDI DIDIDI DIDI DI
D. SIC code Page 19. Page 19. System type M
A. Quantity generated in 1994 C. UOM Density D. Did this site do any of the follow to the waste; treat on site, dispose site, recycle on site, or discharge to a sewer/POTW? Page 21.
ON-SITE PROCESS SYSTEM 1 ON-SITE PROCESS SYSTEM 2
On-site system type Page 22. Quantity treated, disposed or recycled Page 22. On-site system type Quantity treated, disposed or recycled Page 22. On-site system type Quantity treated, disposed or recycled Page 22. On-site system type On
Sec. II A. Was any of this waste shipped off-site in 1994 Instruction Page 23. A. Was any of this waste shipped off-site in 1994 2 No (SKIP TO SEC. IV)
Site 1 B. EPA IO No. of facility waste was shipped to C. System type shipped D. Off-site availability E. Total quantity shipped in to. Page 23. N D D G G G G G G G G
Site 2 B. EPA ID No. of facility waste was shipped to C. System type shipped D. Off-site availability E. Total quantity shipped in code Page 23. MDDD9854653 MD511
Sec. IV A. Did new activities in 1994 result in minimization of this waste: 1 Yes (CONTINUE TO SYSTEM 1) Instruction Page 23.
B. Activity Page 24. W W W 1 1 Yes 1 Yes 2 No 2 N
Comments:

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

Attachment

Attach a list of hazardous waste manifests for this form. The list must include the uniform hazardous waste manifest document number and the date of the shipment. The back of Form GM may be used for this purpose.

Example:

Document Number	Date Shipped
NJA123456 NJA123457	01/01/94 12/31/94
INA 0793081	2/23/94
INA 0793078	5/25/94
INA 0970493	8/23/94
MOC 0524223	12/6/94

	NEW JERSEY DEPARTMENT OF
BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:	ENVIRONMENTAL PROTECTION
SITE NAME: Sun Cheunical Corp. 185 Foundry St., Newark NJ 07105	1994 Hazardous Waste Report
185 Foundry ST., Newar K NO 07(05	FORM WASTE GENERATION
EPAID NO: MJO 102 458 842	GM AND MANAGEMENT
INSTRUCTIONS: Read the detailed instructions beginning on pag completing this form.	ge 16 of the 1994 Hazardous Waste Report Booklet before
Sec. 1 A. Waste description - Instruction page 18. Waste was	torefflaent consisting of methanol, water
	State hazardous waste code Page 19. Combustic
F Ø Ø 3 D Ø Ø D	
DØØ2 INA INA	
D. SIC code E. Origin code S F. Source code G. Page 19. Page 20.	Point of measurement H. Form code I. RCRA-radioactive Page 20. mixed
2865 System type MD 21 A32	B Z / 9 Page 20. Z
Sec. II A. Quantity generated B. Quantity generated in 1994 in 1993 Page 21.	C. UOM Density D. Did this site do any of the following Page 21.
Instruction Page 21. [2.4.3.3.6.1.2.6.6.9.8.8.8.8.8.8.8.8.8.8.8.8.8.8.8.8.8	site, recycle on site, or discharge to a sewer/POTW? Page 21.
	☑1 lbs/gal ☐ 2 sg ☐ 2 No (SKIP TO SEC. III)
ON-SITE PROCESS SYSTEM 1	ON-SITE PROCESS SYSTEM 2
On-site system type Quantity treated, disposed or recycled	On-site system type Quantity treated, disposed or recycled
Page 22. on site in 1994 M 8 2 1	Page 22. on site in 1994 M
	1 Yes (CONTINUE TO BOX B)
Instruction Page 23.	2 No (SKIP TO SEC. IV)
Site 1 B. EPA ID No. of facility waste was shipped to C. System type Page 23.	shipped D. Off-site availability E. Total quantity shipped in 1994 code Page 23.
<u> </u>	
Site 2 B. EPA ID No. of facility waste was shipped to C. System type Page 23. to. Page 23.	shipped D. Off-site availability E. Total quantity shipped in 1994 code Page 23.
M M	
Sec. IV A. Did new activities in 1994 result in minimization of this Instruction Page 23.	2 No (THIS FORM IS COMPLETE)
B. Activity Page 24. C. Other effects D. Quantity recycled in new activities Page 25.	production Page 26.
1 Yes	index
Comments: SECI BOX H - MIxture of Methanol, phy	spheric acid and water. Page 'of

OR ENTER:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL

SITE NAME: Sun Chem 185 Foundry S EPAID NO: NIJIDI 101012	t Newart NJO		WASTE TREATMENT,
INSTRUCTIONS: Read the detaile completing this		n page 33 of the 19	994 Hazardous Waste Report booklet before
Sec. I A. Waste treatment, dispersion Page 38.	osal, or recycling system de	scription	
B. System type Page 38. M D 2 1	Regulatory status ge 39.	D. Operational sta Page 39.	Page 39.
A. 1994 influent quantity Instruction Page 40. Total 3/6/6/9/8/9/8/9 BCRA3//6/6/9/8/9/8/9 State 3/6/6/9/8/9/9 C. 1994 liquid effluent quantity Instruction Page 42.	I Ø 1 lbs/gal □ 2 sg	RCRA 2 9 9 State 9 9 9 D. 1994 solid/sluc Page 42.	rational capacity 999999 99 99 99 99 99 99 99 99 99 99 9
Total 3 1 0 2 2 4 9 7 9 9 RCRA 3 1 0 2 2 4 9 7 9 9 State 3 1 0 2 2 4 9 7 9 5		RCRA	
E. Limitation on maximum operational capacity Page 43. 1. 2 3	code Page 43.	acity availability	G. Percent capacity commercially available Page 43. %
Comments: SecTI Box A Sec II Box B - Bases Sec II Box E - Cope Proportion	- Based on to 101 waste wate 1014y of recycl euction Capacit	r pitential	Water 1 for 36 M # Methand recover 1 currently limited by

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER: SITE NAME: Sun Chemical Corp. INS Founday St. Newark, AT 07105 EPA ID NO: N.J.D. 1818, 458, 84, 2	NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION 1994 Hazardous Waste Report OI OFF-SITE IDENTIFICATION
INSTRUCTIONS: Read the detailed instructions on the reverse sign	de before completing this form.
Site 1 A. EPA ID No. of off-site installation or transporter N J D (1514) (126) (1614) C. Handler type (CHECK ALL THAT APPLY) Generator Transporter TSDR	E. Name of off-site installation or transporter Frechold Cartage Inc D. Address of generator Stroet City State Line Zip Line Line State
A. EPA ID No. of off-site installation or transporter LIND BIBLE 419 2412 C. Handler type (CHECK ALL THAT APPLY) Generator Transporter TSDR	B. Name of off-site installation or transporter SYSTECH LONESTAR NOUSTRIES D. Address of generator Street Linestone R. City Green Castle State Linestone R. State R. State
Site 3 A. EPA ID No. of off-site installation or transporter MDIDI 918 PI 515 14 615 13 C. Hardler type (CHECK ALL THAT APPLY) Generator Tal Transporter TSDR	B. Nome of off-site installation or transporter Laidlaw Environmental Services D. Address of generator Street NA City State Zip
A. EPA ID No. of off-site installation or transporter MIDIDI 9150 51514 (01513) C. Handler type (CHECK ALL THAT APPLY) Generator Transporter TSDR	B. Name of off-site installation or transporter D. Address of generator Street 3527 Whiskey Bottom Rd City Laurel State - Md Zip (2101712441-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
Site 5 A. EPA ID No. of off-site installation or transporter C. Handler type (CHECK ALL THAT APPLY) Generator Transporter TSDR	B. Name of off-site installation or transporter D. Address of generator Street City State

INCIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF SOLID AND HAZARDOUS WASTE MANAGEMENT P.O. Box 7035 Indianapolia, IN 46207-7035

L	UNIFORM HAZARDOUS 11. Generator's UNIFORM HAZARDOUS 11. GENERATOR HAZARD	2 .4 . 58 .8 . 42 6	Document N		of I State la		
11	3. Generator's Name and Mailing Address Sun Chem			A.	State Manifest Doc	_	
		dry Street				308	<u> </u>
	Newark,	N.J. 07105		B.	State Generator's I	D	•
1	4. Generator's Phone (201) 344-4875 5. Transporter 1 Company Name	, 6. US EPA ID Number		C.	State Transporter's	10/97	216
	Preshold Cartage Inc	N .T . DO .5 . 47 . 2	6 7 6		Transporter's Phor		498-
11	Freehold Cartage, Inc. 7. Transporter 2 Company Name	8. US EPA ID Number		E.	State Transporter's	i ID	
			• • •		Transporter's Phor	ie	
П	9. Designated Facility Name and Site Address	10 US EPA ID Number		G	. State Facility's ID		
11	Systech/Lonestar (Lonestar In	dustries)		Н	. Facility's Phone		
	Limedale Road					2000	
	Greencastle, In. 46135	F.N. DO .06 % .1	12. Conta	iners	317-653-	14.	1.
	11. US DOT Description (Including Proper Shipping Name, Haza	ard Class, and ID Number)	No.	Туре	Total Quantity	Total Wt/Vol.	Waste
G	a RQ, Waste Flammable Liquids,	N.O.S.					
E	3, Un-1993, PG II (ERG	27) RQ=100		,	200		
N E	(Xylene/ Ethyl Benzene)		001	DM	0.0020	G	_000
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	J. Additional Descriptions for Materials Listed Above			\ Har	ndling Codes for Wa	stes Listed	Acove
	11a. P003,D005,D007,D008						
	Xylene = 73%			ļ	7-16		
	15. Special Handling Instructions and Additional Information			.L			
ŀ	Profile No. Va 42401 NJD	P52245-55	378				
1	Profile No. Va 42401	,		17	TODIO	= 71	
	Prorgancy Contact CHRN-BDE	7-800-424	-9300-		1,001) (Q)
	16. GENERATOR'S CERTIFICATION: Thereby declare that the name and are classified, packed, marked, and labeled, and						
	international and national government regulations.	;			,p=,g,, _		
	If I am a large quantity generator, I certify that I have a determined to be economically practicable and that I hav						
	which minimizes the present and future threat to human effort to minimize my waste generation and select the bes	health and the environment:	OR if Lam	a smal	Luuantity generate	or. I have r	
	Printed/Typed Name	Signature	7)	77			Dat
	MATTHEW FREESTONE	111111	Con F	1 ,1		ľ	onth Da)・名 え・
	17. Transporter 1 Acknowledgement of Receipt of Materials						
↓ T R	Printed/Typed Name	Signature	,, =	> -	in	1 //	Dat onth Da
A N	I PODOCT IS / ale/ale	1//Kit	#5	14	1//4	b	25.
ANSP	FOREKI FI. E EISTOFT		()				Dai
4200C	18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	~			1 /	onth Da
ANSPORTE	18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	~			1	
4200000		Signature					<u></u>
ANSPORTE	Printed/Typed Name	Signature					<u> </u>
AZSPORTER FA	Printed/Typed Name	Signature					<u></u>
ANSPORTER	Printed/Typed Name	Signature					<u>. l .</u>
ANSPORTER FACILI	Printed/Typed Name 19. Discrepancy Indication Space						<u>· l · · · · · · · · · · · · · · · · · ·</u>
ANSPORTER FA	Printed/Typed Name		anifest off:ep	t as not	ed Item 19.		<u> </u>

EPA Form 8700-22 Previous editions are obsolete State Form 11865 (R/4-89) INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF SOLID AND HAZARDOUS WASTE MANAGEMENT P.O. Box 7035

Indianapolis, IN 46207-7035						
·	or use on elite (12-pitch typewriter	r.)	Form z	Approved OMB No.		
UNIFORM HAZARDOUS 1. Generator's	- k.2	Manifest Occument No.	. 1	Page 1 Informa	tion in th	e shaded areas is Federal law, but d K are required by
	2 ·4 · 58 ·8 · 42 O	0000	MT	OI - State lat		
3. Generator's Name and Mailing Address / Sun Che			A.	State Manifest Doc	ument Nu	mber
	indry Street			VA 0/9	30	<u> </u>
Newark,	N.J. 07105		₿.	State Generator's I	D	
4. Generator's Phone (201) 344-4875	. 6. US EPA ID Number			Ciala Tannanartari	10.1-	- 17
5. Transporter 1 Company Name		^^ .	<u>_ </u>	State Transporter's	ID IO 2	112 PNT
Hazmat Environmental Group 7. Transporter 2 Company Name	8. US EPA ID Number	·99 ·4 ·		Transporter's Phor State Transporter's		-821-1200
7. Hanspoiler & Company Nemo			<u> </u>	Transporter's Phor		
9. Designated Facility Name and Site Address	10 US EPA ID Number	•		State Facility's ID		
	T-dustagl					
Systech/Lonestar (Lonestar	Tudnarrreel		H	Facility's Phone		
Limedale Road	T N . DO . O . 64 . 1	.92 1 .	. 1	317-653-	2506	
Greencastle, In. 46135		12. Contain		13.	14.	ī.
11. US DOT Description (Including Proper Shipping Name, H.		110.	Туре	Total Quantity	Total Wt/Vol.	Waste No.
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3, UN-1993, PG II (EG)	R=27) RQ=100	المملك		1662.	_	
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J. Additional Descriptions for Materials Listed Above	·		K. Han	dling Codes for Wa	stes Liste	d Above
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11a. F003, 1205, D005, D007, D	008			711	,	
				1-10		
15. Speciar Handling Instructions and Additional Information						
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Profile No. VA42401 RT.000	グング					
Emergency Contract : CHRM	-TREC 1-800-42	14=930¢				
16. GENERATOR'S CERTIFICATION: I hereby declare that the name and are classified, packed, marked, and labeled, and labeled	he contents of this consignmen	it are fully and	d accu	rately described a	bove by p	proper shipping
international and national government regulations.	and dro in all roopeous in proper	0011,11110111011	···uii	port by inglively a	ccorumg	to applicable
If I am a large quantity generator, I certify that I have						
determined to be economically practicable and that I h which minimizes the present and future threat to huma	an health and the environment;	OR, if I am a	small	quantity generate	or, I have	made a good fai
effort to minimize my waste generation and select the b Printed/Typed Name	Signature Signature	that is availa	ble to	me and that I can	afford.	
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17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature					Date
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18. Transporter 2 Acknowledgement of Receipt of Materials	Made		en x			1212317
Printed/Typed Name	Signature				7	Date
	J. J				1	Month Day Ye
19. Discrepancy Indication Space						
	S					
20. Facility Owner or Operator: Certification of receipt of hazard	dous materials covered by this ma	nifest excer.	is note	d Item 19.		
Printed/Typed Name	Signatur	$\sim -A$				

EPA Form 8700-22 Previous editions are obsolete State Form 11865 (R/4-89)

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	3. Generator's Name and Mailing Address Sun Che			A.	State Ma	anifest Dod		
		indry Street			<u>NA</u>		704	33
		, N.J. 07105		В.	State Ge	enerator's		
1 }	4. Generator's Phone (TTR) 201-344-48' 5. Transporter 1 Company Name	75 , 6. US EPA ID Number			State To	ansporter's		
1 +	Freehold Cartage, Inc. 7. Transporter 2 Company Name	N · JD · 0 · 5 · 4·1 · 2 8. US EPA ID Number	. 9. 10			ansporter's		8-462-
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 -	9. Designated Facility Name and Site Address	10 US EPA ID Number				acitity's ID		- 177 - 194 - 177 - 174 - 174
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	Greencastle, In.		12. Conta	iners		13.	14.	1.
11	11. US DOT Description (Including Proper Shipping Name, Ha	ward Class, and ID Number)	No.	Туре		otal antity	Total Wt/Vol.	Waste N
'	a RQ, Waste Flammable Liquid	HYMYH N.O.S.		1114-				
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 	J. Additional Descriptions for Materials Listed Above		<u> </u>	K. Har	ndling Co	des for Wa	stes Lister	d Aboye
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	lla. D001, D005,D007,D008				-	T11		
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	Rthyl Benzene = 151 15. Special Handling Instructions and Additional Information			<u> </u>				
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		t: CHEM-TREC	1		0-42			
	in Case of Emergency Contact 16. GENERATOR'S CERTIFICATION: I hereby declare that the	t: CHEM-TREC ne contents of this consignmen nd are in all respects in proper	t are fully ar	nd accu	rately deport by	escribed a	bove by p	proper shipp to applicable
		t: CHEM-TREC ne contents of this consignmen and are in all respects in proper	t are fully ar condition fo	nd accu or trans	urately desport by	escribed a highway a	bove by p ccording	proper shipp to applicable
	in Case of Emergency Contact 16. GENERATOR'S CERTIFICATION: I hereby declare that the same and are classified, packed, marked, and labeled, a international and national government regulations. If I am a large quantity generator, I certify that I have	and are in all respects in proper a program in place to reduce the	condition for	or trans	sport by I	highway a waste ger	ccording	to applicable the degree
	in Case of Emergency Contac 16. GENERATOR'S CERTIFICATION: I hereby declare that the name and are classified, packed, marked, and labeled, a international and national government regulations. If I am a large quantity generator, I certify that I have determined to be economically practicable and that I have which minimizes the present and future threat to humans.	and are in all respects in proper a program in place to reduce the ave selected the practicable me an health and the environment;	he volume a sthod of trea OR, if I am	or trans and tox atment, a smal	cicity of storage I quantit	highway a waste ger , or dispo: y generati	eccording nerated to sal curren or, I have	to applicable the degree
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EPA Form 8700-22 Previous editions are obsolete State Form 11865 (R/4-89)

In case of an emergency or spill, immediately call the National Response Center at (800) 424-8802 and the MDE at (410) 631-3400. Nights and Holidays at (410) 974-3551

MAZAHDOUS WASTE MANIFEST

Department of the Environment - Wastè Management Administration

2500 Broening Highway Baltimore, MD 21224

Hazardous Waste

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form approved OMB No. 2050-0039 Expires 9/30/94 cc: IR SUM

Program

UNIFORM HAZARDOUS 1.0	Generator's US EPA ID NO.		Manifest cument No.		formation in the sh	
WASTE MANIFEST N	JD 0024588	42 1	2306		eas is not required ederal law.	Бу
3. Generator's Name and Mailing Address	Sun Chemical 185 FOUNDRY STRE	DT.	A. State Manifest Document Num	ber MDC	052422	23
Linda Elwood	Newark, NJ 0710		B. State Generator	r's ID Number		
4. Generator's Phone ()			C. State Transport		1WH 0 0 1	3
5. Transporter 1 (Company Name)	6. US EPA ID Number	5 4 6 5 3	Vehicle Sticker Nu	SISTS	DC 1/1/Z	12
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Laidlaw Environmental	Services (TS), Inc.	ŀ	301/953-9 E. State Transport		IWH I	—
7. Transporter 2 (Company Name)	8. US EPA ID Number		Vehicle Sticker Nu			
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9. Designated Facility Name and Site Address Laidlay Environmental			G. State Facility II A207			
3527 Whiskey Bottom Ro			H. Facility's Phone		5 3 - 9 5	2 3
Laurel, MD 20724	MDD 9805	5 4 6 5 3	1310	<u> </u>	राज हिटा	0131
11. US DOT Description (Including Proper S and ID Number)	Shipping Name, Hazard Class	12. Containers	ì	al Quantity	14. Unit I. Was	te No. `
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J. Additional Description for Materials Liste Physical		Physical			K. Handling Code	s for
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6. — — — — .				<u> </u>	b. 🔲 _d.[
15. Special Handling Instructions and Add	itional Information EMERGENCY CO	NTACT - 1/80	0-535-5053	(Infotra	c)	
11.) Wask No: F003	, FO05, DOUS .	·N	DEY-	5366		_
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17. Transporter 1 (Acknowledgement of Re	eceipt of Materials)	Signature			206.94	42
- Kevin G. Malon	e Kerm	M mul	v-	(KM)	55.7	23
18. Transporter 2 (Acknowledgement of R	eceipt of Materials)	Signature		<u></u>	Date	
The state of the s						<u>J</u> ,
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification	on of receipt of hazardous materials cove	ered by this manifest e	except as noted in It	em 19.	Date	
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EPA Form 8700-22 (10-91)			and the second of			
Previous editions are obsolete.	COPY 3 — FACIL	ITY: DETACH & F	RETURN THIS	COPY TO G	ENERATOR	

Methanol Recovery Sun Chemical Newark, N. J.

		Newark, N.	J.						
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EXHIBIT 11 - 1996



State of New Jersey Department of Environmental Protection and Energy Hazardous Waste Regulation Program Manifest Section CN 421, Trenton, NJ 08625-0421

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5. Transporter 1 Company Name 6,	US EPA ID Number			Trans ID-NUDEI		7
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RUNYON & CHEESEQUAKE ROADS				porter's Phone (उत्तिक्षा) 4
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15. Special Handling Instructions and Additional Information NOT EPA REGULATED, REGULATED AS HAZ 24 HOUR EMERGENCY RESPONSE (908)721 DEGAL#73605 ERG# 27 DEXSIL TEST	-0900 KIT RESULTS 3	00	, pak	gashiri garaga Masaraga sa sa sa Masaraga sa sa sa sa		
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to be economically practicable and that I have selected the practicable and future threat to human health and the environment; OR , if I am	a small quantity generator, i					
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9. Discrepancy Indication Space			٠.			
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20 Facility Owner or Operator: Certification of receipt of hazardous materia	als covered by this manifest ex	cept as note	d in Item ا	9		Honth &
Prigted/Tyred Name	Olgranita	السبه رسا			1	7470
A Form 870G-22 (Rev. 9/88) Previous aditions are obsolete.	A COLOR		- 4	BE LEGIBLE	- 4	GOPIES

In case of an emergency or spill, immediately call the National Response Center at (800) 424-8802 and the MDE at (410) 631-3400. Nights and Holidays at (410) 974-3551

EPA Form 8700-22 (10-94) Previous editions are obsolete.

MARYLAND HAZAKDOUS WAS IE WANIFES I

Department of the Environment - Waste Management Administration
2500 Broening Highway
Baltimore, MD 21224

Hazard Wast Program

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039 Expires 9/30/97 CC: IR SUI1

UNIFORM HAZARDOUS 1. Generator's US EPA ID NO.	Manifest Page 1 Information in the shaded Document No. 2. of
WASTE MANIFEST N J D 0 0 2 4 5 8 8 4	areas is not required by
3. Generator's Name and Mailing Address Sun Chemical	A State Manifest Document Number MDC 0676265
Linda Smith 185 Foundry Street (201)344-4879 Newark, NJ 07105	B. State Generator's ID Number
	C. State Transporter's ID HWH 0 0 115
4. Generator's Phone () 5. Transporter 1 (Company Name) 6. US EPA ID Number	C. State Transporter's ID HWH 0 0 115
MDD 98055	416 5 B 1 9 6 1 1 1 1 1 5 8
	D. Transporter's Phone
Laidlaw Environmental Services (TS), Inc.	301/953-9583 E. State Transporter's ID HWH
7. Transporter 2 (Company Name) 8. US EPA ID Number	Vehicle Sticker Number
	A DC
	F. Transporter's Phone
9. Designated Facility Name and Site Address	G. State Facility ID
Laidlaw Environmental Services, (TS), Inc.	A 207 H. Facility's Pfione
3527 Whiskey Bottom Road Laurel, MD 20724 10. US EPA ID Number	301-958-95133
Laurel, MD 20724 MIDID 198 015 5 4	16.5.3
11. US DOT Description (Including Proper Shipping Name, Hazard Class	14.
and ID Number)	12. Containers 13. Total Quantity Unit I. Waste No. No. Type W/Vol
Waste, Flammable Liquids, N. O. S	1000 P D001
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	nysical K. Handling Codes for Specific Gravity Percentage Waste Listed Above
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	CONTACT - 1/800-535-5053-(596) (INFOTRAC) X # = 1/352-323-0091
11a. 2006, 2007, 2008, FOR TRAC FA	J DE 1 3 7866
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment and are classified, packed, marked and labeled, and are in all respects in proper content and national government regulations and Maryland Statutes or Regulations.	ndition for transport by highway according to applicable international
If I am a large quantity generator, I certify that I have a program in place to redu determined to be economically practicable and that I have selected the practicable which minimizes the present and future threat to human health and the environment; minimize my waste generation and select the best waste management method that is	method of treatment, storage, or disposal currently available to me
Printed/Typed Name Sign	nature Smull Date O
1 Linda J. Smith Santa	1000 061096
17. Transporter 1 (Acknowledgement of Receipt of Materials) Printed/Typed Name /Sign	Date N
Tow Richards In	1. had 0610960
18. Transporter 2 (Acknowledgement of Receipt of Materials)	A president of
Printed/Typed Name Sign	bature Date
R F 19. Discrepancy Indication Space	
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by Printed/Typed Name	y this manifest except as noted in Item 19. Nature Date
TOSEN E GROSSI	7.54 0611974

3—TSD MAIL TO-GENERATOR



State of New Jersey Department of Environmental Protection Hazardous Waste Regulation Program Manifest Section CN 421, Trenton, NJ 08625-0421

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Please	<u>. 1</u>	ype or print in block letters. (Form designed f UNIFORM HAZARDOUS	1 Generator's US EPA	ID No	\ \∴/ _ Manifest	Forn 2. Pag	. 1		the shaded areas
		WASTE MANIFEST	MIDIOI 214	1 18 18 14 7	-Document No	of	/is not	required	d by Federal law.
3		Generator's Name and Mailing Address	Vehrmien	-		A. Sia	nte Manifest Doc	つつ を	เลือกกล
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4		Generator's Phone ()	679	07103		· .	54	ME	Consider
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		DECALENCE RESERVE RESERVED			~	<u>.</u>			
	6	GENERATOR'S CERTIFICATION: I hereby de				I alv das	cribed above by	proper s	hinning name and are
		classifier, packed, marked, and labeled, and government regulations.	are in all respects in pr	oper condition for t	ransport by highw	ray acc	ording to applica	able inte	rnational and national
		If I am a large quantity generator, I certify that economically practicable and that I have select	I have a program in place and the practicable method	to reduce the volument stora	ne and toxicity of a	waste g	enerated to the d	legree III	have determined to be
		future threat to human health and the environing the best maste management method that is an	nent; OR, if I am a small q	uantity generator, H	nave made a good	faith ef	fort to minimize r	ny waste	generation and select
		Printed/Typed Name		Signature	A	10			Month Day Year
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T 1	7.	Transporter 1 Acknowledgement of Receipt of Printed/Typed Name	Materials	Signature					Month Day Year
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I E R		Printed/Typed Name		Signature				•	Month Day Year
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1 2	20.	Facility Owner or Operator: Certification of rec	nipt of hazardous materia	als covered by this r	nanifest except as	noted.	in Item 19.	-	Month D- 123
	or and	The fill the state of the state	1	Signature of the state of the s	10 %	11.6	1		
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State of New Jersey Department of Environmental Protection and Energy Hazardous Waste Regulation Program Manifest Section CN 421, Trenton, NJ 08625-0421

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9, Design	ated Facility Name and Site Address	The second of th	US EPA ID Number	I L. L.	E. Sta	te Trans ID-NJD	EPE Vo		
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b.	প্রশাস্ত্রত রবাস্থান্ত্রীয়া বিল্লা ব্যক্তি ক্রিক্সিক ক্রিক্সিক		Her de Parameiro (Maria Carinera Carine	14. 970. 11. 3.	12 b: - 1	#32.55 *** \$.5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5	d.		
18. GENE	A Handling Instructions and Additional In WHTER M-50%, PHOS DIMETHYL RUTNING B EMERGENCY RESPONS RATOR'S CERTIFICATION: I hereby d fied, packed, marked, and labeled, and a	formation TA. CLIN FHORIC ACID ALC 9%, DICHLORD CLI E SUSSES 998/46 eclare that the contents of the	T'D. CIQUID PHOHOL 1.4%; SOL IND 1%. 19-5166 DAIVE his consignment are fully	INSE. SE ID PHY IN EARLI and accurat	ISE 2	INERAL SE MAX: QUIN WITH ER: cribed above by	i.	神氏 G砂紫。 ipping name an	nd are
to be	tions. n a large quantity generator, I certify economically practicable and that I have a future threat to human health and the best waste management method.	e selected the practicable me environment; OR, if I am a	ethod of treatment, storage small quantity generator, t	, or dispose	il current	fly available to m	e which m	ninimizes the or	resent
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Γ	y Owner or Operator: Certification of red/Typed Name	ceipt of hazardous materials of	covered by this manifest exi	cept as riote	ed in Item	119/		Month Day	Year 96
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EXHIBIT 12a - Air

SunChemical



Pigments Division

Sun Chemical Corporation
441 Tompkins Avenue
Staten Island NY 10305
718 981 1600
718 720 6480 Manufacturing Fax
718 816 8289 Sales Accounting Purchasing Fax
718 720 3967 Engineering Fax

August 23, 1966

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION Bureau of Air Quality Planning 401 East State Street CN 418 Trenton, New Jersey 08625 - 0418

ATTN: 1995 Verification

Re: SUN CHEMICAL CORPORATION
1995 Emission Statement Verification

APCID # 06262

To Whom It May Concern:

Enclosed please find the original data diskette, the print-out and the signed verification form.

We have reviewed the data in the electronic data interchange (EDI) file as instructed in the NJDEP correspondence. All of the data are correct as originally submitted.

Please feel free to contact us. You may also contact Steven J. Tighe of RECON ENVIRONMENTAL CORP. at (908) 526-1000 ext. 460

Very truly yours,

James J. Wiedow

Environmental Manager

cc: S.Tighe, RECON

APPENDIX B - CERTIFICATION OF THE EMISSION STATEMENT DATA CONTAINED ON THE ORIGINAL DISKETTE OR WITHIN THE PRINT-OUT OF THE ORIGINAL DISKETTE.

DEPARTMENT VERIFICATION:
I, Beverly Loftin, of the Department of Environmental Protection certify that the enclosed print-out of the 1995 Emission Statement data for the facility with APEDS ID number(s) is a print-out of the data contained upon the original
diskette submitted by the facility(s) with the aforementioned APEDS ID number(s). I have not changed, altered, added, or otherwise amended any of the data as contained on the original diskette and have copied the data as contained on the original diskette into the Bureau's Emission Statement database to obtain this print-out.
Bereile Loften Date July 8, 1996
Beverly Loftin, Computer Information Manager NJDEP, Bureau of Air Quality Planning
FACILITY VERIFICATION:
I, Dennis Morrison (print name), certify under the penalty of law that I have personally
examined and am familiar with the information contained on the printout and data diskette. I also certify
under the penalty of law that the data returned by the Department on the data diskette is identical to the information previously provided by this Facility(s) on computer diskette to the New Jersey Department
of Environmental Protection to comply with the 1995 Emission Statement reporting requirements
pursuant to J.A.C. 7:27-21 et seq.
Signature Date Morrison Date Muguet 26, 1996
Title Plant Manager: Newask Plant
Affiliation Sun Chemical Core
•

INSTRUCTIONS:

Please have an individual with direct knowledge of and responsibility for the information contained upon the Emission Statement sign and date the following verification form and provide the other information above.

If the information is not identical to the original data diskette as determined by a line-by-line comparison of the print-out or by using accurate disk comparison procedures, then correct the print-out and certify the data contained in the corrected print-out with an Emission Statement Certification form pursuant to N.J.A.C. 7:27-21.7. Send a letter to the Department indicating that the information contained in the print-out was not identical to the original data diskette. The letter, the corrected print-out, the original data diskette, and an Emission Statement Certification form pursuant to N.J.A.C. 7:27-21.7 must

J U L U L

ANNUAL EMISSION STATEMENT

FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL

SOURCES NOT LISTED ON FORM A, PART 2

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

QUARTER BEGINNING 🔍

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	FORM FOR ESTIMATES OF ACTUAL EMISSIONS (CHECK ALL THAT APPLY FOR EACH SOURCE AND FILL OUT CORRESPONDING FORMS)	DEC MAR JUN SEP JAN APR JUL OCT FEB MAY AUG NOV
EMISSION YEAR: 95	FORM(s) % QUARTERL	Y THROUGHPUTS 25.0 25.0 25.0 25.0
	B FUEL BURNING	
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NJ ID EMISSION UNIT NUMBER	X D BATCH PROCESS ID NO.B001	300NGE BIB NOT OF ENAME IN 1999
PERMIT # 085425	E COATING ID NO.	SOURCE REPORTED AS A GROUP OR AS
POLLUTANT CATEGORY VOC TSP PM-10	F OTHER	—— A FUGITIVE EMISSION SOURCE
SOURCE DESCRIPTION DEFLUX DEACTOR FORM CALLON	G WASTEWATER NJPDES ID NO	MARK SOURCE FOR DELETION FROM TH
(NJDEP) REFLUX REACTOR 5000 GALLON	H LANDFILL ID NO.	—— EMISSION STATEMENT DATABASE AS IT NO LONGER EXISTS
SOURCE DESCRIPTION LR/R (FACILITY)	P PARTICULATE ROOM ID NO.	SOURCE DID NOT EMIT ANY AIR
FACILITY SOURCE ID		CONTAMINANTS
STACK HEIGHT 35 FT AVERAGE EXHAUST FLOW F	RATE 15 ACFM AVERAGE EXHAUST TEMPERATURE FORM(s) % QUARTERL	120 F STACK DIAMETER 0 FT Y THROUGHPUTS 16.4 27.2 36.7 19.7
EMISSION YEAR: 95	FORM(s) % QOANTERE	
	V D EVEL DUDNING	1 INCOUGNEUTS 10.4 21.2 30.7 19.7
SOURCE # 0002-0001 NJ ID EMISSION UNIT NUMBER	X B FUEL BURNING C TANKS D BATCH PROCESS ID NO.	SOURCE DID NOT OPERATE IN 1995
source # 0002-0001	C TANKS	SOURCE DID NOT OPERATE IN 1995 SOURCE REPORTED AS A GROUP OR AS
SOURCE # 0002-0001 NJ ID EMISSION UNIT NUMBER	C TANKS D BATCH PROCESS ID NO. E COATING ID NO.	SOURCE DID NOT OPERATE IN 1995
SOURCE # 0002-0001 NJ ID EMISSION UNIT NUMBER PERMIT # 110692	C TANKS D BATCH PROCESS ID NO. E COATING ID NO. F OTHER G WASTEWATER NIPDES ID NO.	SOURCE DID NOT OPERATE IN 1995 SOURCE REPORTED AS A GROUP OR AS
SOURCE # 0002-0001 NJ ID EMISSION UNIT NUMBER PERMIT # 110692 POLLUTANT CATEGORY VOC NOX CO SO2 TSP PM-10 SOURCE DESCRIPTION A CLEVER-BROOKS, MODEL #CB-400-20	C TANKS D BATCH PROCESS ID NO. E COATING ID NO. F OTHER G WASTEWATER NJPDES ID NO.	SOURCE DID NOT OPERATE IN 1995 SOURCE REPORTED AS A GROUP OR AS A FUGITIVE EMISSION SOURCE MARK SOURCE FOR DELETION FROM TH EMISSION STATEMENT DATABASE AS IT
SOURCE # 0002-0001 NJ ID EMISSION UNIT NUMBER PERMIT # 110692 POLLUTANT CATEGORY VOC NOX CO SO2 TSP PM-10 SOURCE DESCRIPTION A CLEVER-BROOKS, MODEL #CB-400-20 (NJDEP) SOURCE DESCRIPTION BOILER #1	C TANKS D BATCH PROCESS ID NO. E COATING ID NO. F OTHER G WASTEWATER NJPDES ID NO. H LANDFILL ID NO.	SOURCE DID NOT OPERATE IN 1995 SOURCE REPORTED AS A GROUP OR AS A FUGITIVE EMISSION SOURCE MARK SOURCE FOR DELETION FROM TH EMISSION STATEMENT DATABASE AS IT NO LONGER EXISTS SOURCE DID NOT EMIT ANY AIR

A CLEVER-BROOKS, MODEL #CB-400-200

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ANNUAL EMISSION STATEMENT

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FORM A. PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL

SOURCES NOT LISTED ON FORM A, PART 2

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM. QUARTER BEGINNING < FORM FOR ESTIMATES OF ACTUAL EMISSIONS DEC MAR JUN SEP (CHECK ALL THAT APPLY FOR EACH SOURCE JAN APR JUL. OCT **FEB** MAY AUG NOV AND FILL OUT CORRESPONDING FORMS) % OUARTERLY THROUGHPUTS 25.0 25.0 25.0 EMISSION YEAR: 95 B FUEL BURNING SOURCE # 0003-0001 C TANKS SOURCE DID NOT OPERATE IN 1995 NJ ID EMISSION UNIT NUMBER NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION Plant ID 06262 Page ANNUAL EMISSION STATEMENT FORM A. PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL SOURCES NOT LISTED ON FORM A, PART 2 PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM. QUARTER BEGINNING FORM FOR ESTIMATES OF ACTUAL EMISSIONS DEC MAR JUN SEP (CHECK ALL THAT APPLY FOR EACH SOURCE JAN APR JUL OCT AND FILL OUT CORRESPONDING FORMS) FEB MAY AUG NOV % OUARTERLY THROUGHPUTS 25.0 25.0 25.0 25.0 FORM(s) EMISSION YEAR: 95 B FUEL BURNING SOURCE # 0001-0001 C TANKS SOURCE DID NOT OPERATE IN 1995 NJ ID EMISSION UNIT NUMBER X D BATCH PROCESS ID NO.B001 SOURCE REPORTED AS A GROUP OR AS PERMIT # 085425 E COATING ID NO. — A FUGITIVE EMISSION SOURCE POLLUTANT CATEGORY VOC TSP PM-10 F OTHER MARK SOURCE FOR DELETION FROM TH G WASTEWATER NJPDES ID NO SOURCE DESCRIPTION **REFLUX REACTOR 5000 GALLON** EMISSION STATEMENT DATABASE AS IT (NJDEP) H LANDFILL ID NO. NO LONGER EXISTS P PARTICULATE ROOM ID NO. SOURCE DESCRIPTION LR/R SOURCE DID NOT EMIT ANY AIR (FACILITY) CONTAMINANTS **FACILITY SOURCE ID** FT STACK HEIGHT 35 FT AVERAGE EXHAUST FLOW RATE ACFM AVERAGE EXHAUST TEMPERATURE STACK DIAMETER 0 % QUARTERLY THROUGHPUTS 16.4 FORM(s) EMISSION YEAR: 95 X B FUEL BURNING 0002-0001 SOURCE # C TANKS SOURCE DID NOT OPERATE IN 1995 NJ ID EMISSION UNIT NUMBER D BATCH PROCESS ID NO. SOURCE REPORTED AS A GROUP OR AS PERMIT# 110692 E COATING ID NO. — A FUGITIVE EMISSION SOURCE POLLUTANT CATEGORY VOC NOx CO SO2 TSP PM-10 F OTHER MARK SOURCE FOR DELETION FROM TH G WASTEWATER NJPDES ID NO. SOURCE DESCRIPTION

H LANDFILL ID NO

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION Plant ID 06262 ANNUAL EMISSION STATEMENT FORM A. PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL SOURCES NOT LISTED ON FORM A. PART 2 PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM. QUARTER BEGINNING < DEC MAR JUN SEP FORM FOR ESTIMATES OF ACTUAL EMISSIONS JAN APR JUL OCT (CHECK ALL THAT APPLY FOR EACH SOURCE AUG AND FILL OUT CORRESPONDING FORMS) FEB MAY VON % QUARTERLY THROUGHPUTS 25.0 FORM(s) EMISSION YEAR 95 ____ B FUEL BURNING SOURCE # 0003-0001 C TANKS SOURCE DID NOT OPERATE IN 1995 NJ ID EMISSION UNIT NUMBER NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION Plant ID 06262 Page ANNUAL EMISSION STATEMENT FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL SOURCES NOT LISTED ON FORM A, PART 2 PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM. QUARTER BEGINNING FORM FOR ESTIMATES OF ACTUAL EMISSIONS DEC MAR JUN SEP APR OCT (CHECK ALL THAT APPLY FOR EACH SOURCE JAN JUL NOV FEB MAY AUG 25.0 FORM(s) EMISSION YEAR: 95 B FUEL BURNING SOURCE # 0001-0001 ___ C TANKS SOURCE DID NOT OPERATE IN 1995 NJ ID EMISSION UNIT NUMBER X_ D_BATCH PROCESS ID NO.B001 SOURCE REPORTED AS A GROUP OR AS PERMIT# 085425 E COATING ID NO. — A FUGITIVE EMISSION SOURCE PULLUTANT CATEGORY VOC TSP PM-10 ___ F OTHER MARK SOURCE FOR DELETION FROM TH G WASTEWATER NJPDES ID NO. SOURCE DESCRIPTION **REFLUX REACTOR 5000 GALLON** — EMISSION STATEMENT DATABASE AS IT (NJDEP) H LANDFILL ID NO. NO LONGER EXISTS P PARTICULATE ROOM ID NO. SOURCE DESCRIPTION 1 R/R SOURCE DID NOT EMIT ANY AIR (FACILITY) **CONTAMINANTS FACILITY SOURCE ID ACFM** AVERAGE EXHAUST TEMPERATURE STACK DIAMETER 0 FT STACK HEIGHT 35 AVERAGE EXHAUST FLOW RATE 15 36.7 27.2 19.7 % QUARTERLY THROUGHPUTS FORM(s) EMISSION YEAR: 95

X B FUEL BURNING

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FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL

SOURCES NOT LISTED ON FORM A, PART 2

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

QUARTER BEGINNING <

	FORM FOR ESTIMATES OF ACTUAL EMISSIONS (CHECK ALL THAT APPLY FOR EACH SOURCE AND FILL OUT CORRESPONDING FORMS)	DEC MAR JUN SEP JAN APR JUL OCT FEB MAY AUG NOV
EMISSION YEAR: 95 SOURCE # 0003-0005 NJ ID EMISSION UNIT-NUMBER	FORM(s) % QUARTERLY THROU B FUEL BURNING C TANKS D BATCH PROCESS ID NO.	SOURCE DID NOT OPERATE IN 1995
PERMIT # 104820 POLLUTANT CATEGORY VOC NOx CO SO2 TSP PM-10	E COATING ID NO. X F OTHER	SOURCE REPORTED AS A GROUP OR AS A FUGITIVE EMISSION SOURCE
SOURCE DESCRIPTION CATALYTIC OXIDIZER (NJDEP)	G WASTEWATER NJPDES ID NO. H LANDFILL ID NO.	MARK SOURCE FOR DELETION FROM TH ——EMISSION STATEMENT DATABASE AS IT NO LONGER EXISTS
SOURCE DESCRIPTION CATALYTIC OXIDIZER (FACILITY)	P PARTICULATE ROOM ID NO.	SOURCE DID NOT EMIT ANY AIR CONTAMINANTS
FACILITY SOURCE ID STACK HEIGHT 40 FT AVERAGE EXHAUST FLOW RATE		F STACK DIAMETER 2 FT
EMISSION YEAR: 95 SOURCE # 0004-0001 NJ ID EMISSION UNIT NUMBER PERMIT # 100712 POLLUTANT CATEGORY VOC SOURCE DESCRIPTION AIR EMISSIONS FROM FILTER PRESS3 (NJDEP) SOURCE DESCRIPTION FILTER PRESS #3 (FACILITY) FACILITY SOURCE ID	F OTHER G WASTEWATER NJPDES ID NO H LANDFILL ID NO P PARTICULATE ROOM ID NO.	SOURCE DID NOT OPERATE IN 1995 SOURCE REPORTED AS A GROUP OR AS A FUGITIVE EMISSION SOURCE MARK SOURCE FOR DELETION FROM TH EMISSION STATEMENT DATABASE AS IT NO LONGER EXISTS SOURCE DID NOT EMIT ANY AIR CONTAMINANTS
STACK HEIGHT 23 FT AVERAGE EXHAUST FLOW RATE	9000 ACFM AVERAGE EXHAUST TEMPERATURE 80	F STACK DIAMETER 1 FT

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ANNUAL EMISSION STATEMENT

FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL

SOURCES NOT LISTED ON FORM A, PART 2

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PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

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	(CHECK ALL	ESTIMATES OF ACTUAL EMISSI THAT APPLY FOR EACH SOUR UT CORRESPONDING FORMS)			DEC JAN FFB	MAR APR MAY	JUN JUL AUG	SEP OCT NOV
EMISSION YEAR: 95 SOURCE # 0004-0002 NJ ID EMISSION UNIT NUMBER		FORM(s) B FUEL BURNING C TANKS D BATCH PROCESS	% QUARTERLY IH	sour		25.0 NOT OPE		
PERMIT # 100712 POLLUTANT CATEGORY VOC SOURCE DESCRIPTION FUGITIVE EMISSIONS FROM (NJDEP)	ROM FILTER PRESS #1	E COATING ID NO. F OTHER G WASTEWATER N. H LANDFILL ID NO.	JPDES ID NO.	—— A FU MARK —— EMISS	GITIVE EI	MISSION E FOR DI ATEMENT	SOURCE ELETION	FROM TH
SOURCE DESCRIPTION FILTER PRESS #1 (FACILITY) FACILITY SOURCE ID STACK HEIGHT 23 FT AVERAGE EX	KHAUST FLOW RATE 9000	P PARTICULATE RO	OOM ID NO. UST TEMPERATURE 80		TAMINAN	NOT EMIT TS DIAMETE		R FT
EMISSION YEAR: 95 SOURCE # 0004-0003 NJ ID EMISSION UNIT NUMBER PERMIT # 100712 POLLUTANT CATEGORY VOC SOURCE DESCRIPTION FUGITIVE EMISSIONS FROM (NJDEP) SOURCE DESCRIPTION FILTER PRESS #2 (FACILITY) FACILITY SOURCE ID STACK HEIGHT 23 FT AVERAGE EX		FORM(s) B FUEL BURNING C TANKS X D BATCH PROCESS E COATING ID NO. F OTHER G WASTEWATER NJ H LANDFILL ID NO. P PARTICULATE RO ACFM AVERAGE EXHAL	IPDES ID NO. -	SOUR SOUR MARK EMISS NO LO	CE REPO BITIVE EN SOURCE BION STA INGER EX	MISSION S FOR DE TEMEN'T KISTS HOT EMIT	S A GROU SOURCE ELETION DATABA	UP OR AS FROM TH ASE AS IT

FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL

SOURCES NOT LISTED ON FORM A, PART 2

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

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(CHECK AL	RESTIMATES OF ACTUAL EMISSI LETHAT APPLY FOR EACH SOUR DUT CORRESPONDING FORMS)		DEC JAN FEB	MAR APR MAY	JUN JUL AUG	SEP OCT NOV
EMISSION YEAR: 95	FORM(s)	% OUARTERLY THROUGE	HPU15 25.0	25.0	25.0	25.0
SOURCE # 0005-0001 NJ ID EMISSION UNIT NUMBER	B FUEL BURNING C TANKS X D BATCH PROCESS	: ID NO.B002	SOURCE DID	NOT OPE	RATE IN	1995
PERMIT # 109760 POLLUTANT CATEGORY VOC TSP PM-10	E COATING ID NO.		SOURCE REP — A FUGITIVE EI			
SOURCE DESCRIPTION FUGITIVE AIR EMISSIONS FROM REFLUX REACTOR (NJDEP)	G WASTEWATER N H LANDFILL ID NO.	IPDES ID NO.	MARK SOURCI — EMISSION STA NO LONGER E	ATEMEN1		
SOURCE DESCRIPTION PR #1 (FACILITY)	P PARTICULATE RO	OM ID NO.	SOURCE DID I		FANY AIR	ŧ
FACILITY SOURCE ID						
STACK HEIGHT 6 FT AVERAGE EXHAUST FLOW RATE 9200		UST TEMPERATURE 70 % QUARTERLY THROUGH		DIAMETE 25.0	25.0	FT 25.0
EMISSION YEAR: 95 SOURCE # 0006-0001	FORM(s) B FUEL BURNING C TANKS	% QUARTERLT THROUGH	SOURCE DID N			
NJ ID EMISSION UNIT NUMBER PERMIT # 081377 POLLUTANT CATEGORY VOC	E COATING ID NO. F OTHER		SOURCE REPO A FUGITIVE EM			
SOURCE DESCRIPTION AIR EMISSIONS FROM FILTER PRESS (NJDEP)	G WASTEWATER NJ	PDES ID NO.	MARK SOURCE EMISSION STA NO LONGER EX	TEMENT		
SOURCE DESCRIPTION FILTER PRESSES #4 AND #5 (FACILITY) FACILITY SOURCE ID	P PARTICULATE RO	ON ID NO. —	SOURCE DID N		ANY AIR	
STACK HEIGHT 20 FT AVERAGE EXHAUST FLOW RATE 2077	ACFM AVERAGE EXHAL	JST TEMPERATURE 80	F STACK [DIAMETE	R 2	FT

FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL

SOURCES NOT LISTED ON FORM A, PART 2

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

EMISSION YEAR: 95

SOURCE DESCRIPTION

SOURCE DESCRIPTION

FACILITY SOURCE ID STACK HEIGHT 16

EMISSION YEAR: 95

SOURCE # 0008-0001

NJ ID EMISSION UNIT NUMBER

POLLUTANT CATEGORY VOC

SOURCE DESCRIPTION

SOURCE DESCRIPTION

FACILITY SOURCE ID STACK HEIGHT 17

109251

PERMIT#

(NJDEP)

(FACILITY)

PERMIT#

(NJDEP)

(FACILITY)

SOURCE # 0007-0001

NJ ID EMISSION UNIT NUMBER

POLLUTANT.CATEGORY VOC

109250

6000 GAL STORAGE TANK

METHANOL STORAGE TANK

FT

FT

10000 GAL TANK

METHANOL STORAGE TANK

AVERAGE EXHAUST FLOW RATE 1

QUARTER BEGINNING < FORM FOR ESTIMATES OF ACTUAL EMISSIONS DEC MAR JUN SEP (CHECK ALL THAT APPLY FOR EACH SOURCE JAN APR JUL OCT AND FILL OUT CORRESPONDING FORMS) FEB MAY AUG NO7. % QUARTERLY THROUGHPUTS 25.0 25.0 25.0 25.0 FORM(s) B FUEL BURNING X C TANKS SOURCE DID NOT OPERATE IN 1995 D BATCH PROCESS ID NO SOURCE RETORTED AS A GROUP OR AS ____E COATHIG ID NO. —— A FUGITIVE EMISSION SOURCE F OTHER MARK SOURCE FOR DELETION FROM TH ___ G WASTEWATER NJPDES ID NO EMISSION STATEMENT DATABASE AS IT H LANDFILL ID NO. NO LONGER EXISTS P PARTICULATE ROOM ID NO. SOURCE DID NOT EMIT ANY AIR CONTAMINANTS AVERAGE EXHAUST FLOW RATE 1 ACFM AVERAGE EXHAUST TEMPERATURE 70 STACK DIAMETER 2 FT % OUARTERLY THROUGHPUTS 25.0 25.0 25.0 25.0 FORM(s) ____ B FUEL BURNING X C TANKS SOURCE DID NOT OPERATE IN 1995 D BATCH PROCESS ID NO. SOURCE REPORTED AS A GROUP OR AS E COATING ID NO. ---- A FUGITIVE EMISSION SOURCE ___ F OTHER MARK SOURCE FOR DELETION FROM TH G WASTEWATER NJPDES ID NO. -EMISSION STATEMENT DATABASE AS IT . H LANDFILL ID NO. NO LONGER EXISTS

P PARTICULATE ROOM ID NO.

AVERAGE EXHAUST TEMPERATURE 70

ACFM

FT

SOURCE DID NOT EMIT ANY AIR

STACK DIAMETER

CONTAMINANTS

F

Page

ANNUAL EMISSION STATEMENT FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL

SOURCES NOT LISTED ON FORM A, PART 2

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM. QUARTER BEGINNING < FORM FOR ESTIMATES OF ACTUAL EMISSIONS DEC MAR JUN SEP (CHECK ALL THAT APPLY FOR EACH SOURCE JAN APR JUL OCT AND FILL OUT CORRESPONDING FORMS). FEB MAY AUG NOV % OUARTERLY THROUGHPUTS 25.0 25.0 EMISSION YEAR 95 B FUEL BURNING SOURCE # 0009-0001 C TANKS SOURCE DID NOT OPERATE IN 1995 NJ ID EMISSION UNIT NUMBER X D BATCH PROCESS ID NO.B004 SOURCE REPORTED AS A GROUP OR AS PERMIT# 100646 E COATING ID NO. — A FUGITIVE EMISSION SOURCE POLLUTANT CATEGORY VOC F OTHER MARK SOURCE FOR DELETION FROM TH G WASTEWATER NJPDES ID NO. SOURCE DESCRIPTION **4000 GALLON PROCESS TANK** ---- EMISSION STATEMENT DATABASE AS IT (NJDEP) H LANDFILL ID NO. NO LONGER EXISTS SOURCE DESCRIPTION P PARTICULATE ROOM ID NO. SM O S/S SOURCE DID NOT EMIT ANY AIR (FACILITY) CONTAMINANTS **FACILITY SOURCE ID** STACK DIAMETER 2 STACK HEIGHT 13 **ACFM** FT AVERAGE EXHAUST FLOW RATE 4 AVERAGE EXHAUST TEMPERATURE 70 % QUARTERLY THROUGHPUTS 25.0 25.0 25.0 25.0 FORM(s) EMISSION YEAR: 95 B FUEL BURNING SOURCE # 0010-0001 ___ C TANKS SOURCE DID NOT OPERATE IN 1995 NJ ID EMISSION UNIT NUMBER X D BATCH PROCESS ID NO.B001 SOURCE REPORTED AS A GROUP OR AS PERMIT# 109761 E COATING ID NO. — A FUGITIVE EMISSION SOURCE POLLUTANT CATEGORY VOC ___ F OTHER MARK SOURCE FOR DELETION FROM TH G WASTEWATER NJPDES ID NO. SOURCE DESCRIPTION 6000 GALLON PROCESS TANK - EMISSION STATEMENT DATABASE AS IT (NJDEP) H LANDFILL ID NO. NO LONGER EXISTS SOURCE DESCRIPTION P PARTICULATE ROOM ID NO. LG O S/S . SOURCE DID NOT EMIT ANY AIR (FACILITY) CONTAMINANTS **FACILITY SOURCE ID**

ACFM

AVERAGE EXHAUST TEMPERATURE 120

STACK HEIGHT 18

FT

AVERAGE EXHAUST FLOW RATE 1

FT

STACK DIAMETER 2

Plant ID 06262

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION ANNUAL EMISSION STATEMENT

	•	SIDENTIFICATION DATA FOR ADDITIONAL L <mark>isted on form A, Part 2</mark>	
PLEASE SEE INSTRUC	CTION BOOKLET SECTION A FOR INFORMATION	ON ON FILLING OUT THIS FORM.	QUARTER BEGINNING \
	(CHECK ALL T	STIMATES OF ACTUAL EMISSIONS THAT APPLY FOR EACH SOURCE F CORRESPONDING FORMS)	DEC MAR JUN SEP JAN APR JUL OCT FEB MAY AUG NOV
SOURCE DESCRIPTION (NJDEP) SOURCE DESCRIPTION (FACILITY) FACILITY SOURCE ID		FORM(s) B FUEL BURNING C TANKS X D BATCH PROCESS ID NO B007 E COATING ID NO. F OTHER G WASTEWATER NJPDES ID NO. H LANDFILL ID NO. P PARTICULATE ROOM ID NO. ACFM AVERAGE EXHAUST TEMPERATURE 70	SOURCE DID NOT OPERATE IN 1995 SOURCE REPORTED AS A GROUP OR AS A FUGITIVE EMISSION SOURCE MARK SOURCE FOR DELETION FROM TH EMISSION STATEMENT DATABASE AS IT NO LONGER EXISTS SOURCE DID NOT EMIT ANY AIR CONTAMINANTS F STACK DIAMETER 1 FT
(NJDEP)	BER	FORM(s) % QUARTERLY THRO B FUEL BURNING C TANKS D BATCH PROCESS ID NO B007 E COATING ID NO F OTHER G WASTEWATER NJPDES ID NO H LANDFILL ID NO P PARTICULATE ROOM ID NO.	SOURCE DID NOT OPERATE IN 1995 SOURCE REPORTED AS A GROUP OR AS A FUGITIVE EMISSION SOURCE MARK SOURCE FOR DELETION FROM TH EMISSION STATEMENT DATABASE AS IT NO LONGER EXISTS SOURCE DID NOT EMIT ANY AIR CONTAMINANTS
STACK HEIGHT 12 F	T AVERAGE EXHAUST FLOW RATE 6329	ACFM AVERAGE EXHAUST TEMPERATURE 70	F STACK DIAMETER 2 FT

FT

STACK HEIGHT 33

AVERAGE EXHAUST FLOW RATE 2140

ANNUAL EMISSION STATEMENT

FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL

SOURCES NOT LISTED ON FORM A, PART 2

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM. QUARTER BEGINNING \ FORM FOR ESTIMATES OF ACTUAL EMISSIONS DEC MAR JUN SEP (CHECK ALL THAT APPLY FOR EACH SOURCE JAN APR JUL OCT NOV AND FILL OUT CORRESPONDING FORMS) MAY AUG 1/4 OUARTERET HIROUGHPUTS 25.0 23.0 FORM(s) EMISSION YEAR. 95 ___ B FUEL BURNING SOURCE # 0013-0002 ___ C TANKS SOURCE DID NOT OPERATE IN 1995 NJ ID EMISSION UNIT NUMBER · X D BATCH PROCESS ID NO B007 SOURCE REPORTED AS A GROUP OR AS PERMIT# 091752 ___ E COATING ID NO. - A FUGITIVE EMISSION SOURCE POLLUTANT CATEGORY VOC F OTHER

SOURCE DESCRIPTION FILTER PRESS #8 (NJDEP)	G WASTEWATER NJPDES ID NO H LANDFILL ID NO.	MARK SOURCE FOR DELETION FROM THEMISSION STATEMENT DATABASE AS IT NO LONGER EXISTS					
SOURCE DESCRIPTION FILTER PRESS #8 (FACILITY) FACILITY SOURCE ID	P PARTICULATE ROOM ID NO.	SOURCE DID NOT EMIT ANY AIR CONTAMINANTS					
STACK HEIGHT 12 FT AVERAGE EXHAUST FLOW RATE 6329	ACFM AVERAGE EXHAUST TEMPERATURE 70	F STACK DIAMETER 2 FT					
EMISSION YEAR: 95 SOURCE # 0014-0001 NJ ID EMISSION UNIT NUMBER PERMIT # 101248 POLLUTANT CATEGORY VOC TSP PM-10 SOURCE DESCRIPTION (NJDEP) SOURCE DESCRIPTION DRYING OF ORGANIC PIGMENTS IN GAS-FIRED DRYER # SOURCE DESCRIPTION (FACILITY) FACILITY SOURCE ID	FORM(s) % QUARTERLY THRO B FUEL BURNING C TANKS D BATCH PROCESS ID NO.B007 E COATING ID NO F OTHER G WASTEWATER NJPDES ID NO H LANDFILL ID NO P PARTICULATE ROOM ID NO.	SOURCE DID NOT OPERATE IN 1995 SOURCE REPORTED AS A GROUP OR AS A FUGITIVE EMISSION SOURCE MARK SOURCE FOR DELETION FROM TH EMISSION STATEMENT DATABASE AS IT NO LONGER EXISTS SOURCE DID NOT EMIT ANY AIR CONTAMINANTS					

ACFM

AVERAGE EXHAUST TEMPERATURE 140

FT

STACK DIAMETER 3

ANNUAL EMISSION STATEMENT FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL

SOURCES NOT LISTED ON FORM A, PART 2

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

MAR JUN

QUARTER BEGINNING 🔍

(CHECK ALL T	STIMATES OF ACTUAL EMISSIONS HAT APPLY FOR EACH SOURCE CORRESPONDING FORMS)		DEC JAN FEB	MAR APR MAY	JUN JUL AUG	SEP OCT NOV
EMISSION YEAR 95 SOURCE # 0016-0001 NJ ID EMISSION UNIT NUMBER PERMIT # 101250 POLLUTANT CATEGORY VOC SOURCE DESCRIPTION FUGITIVE EMISSIONS FROM A 6,000 GALLON PRESSURE (NJDEP) SOURCE DESCRIPTION PRESSURE REACTOR #2 (FACILITY)	entropy of the control of the contro	SOU —— A FU MAR —— EMIS NO L	JRCE DID JRCE REP JGITIVE E K SOURCE SSION ST ONGER E	PORTED A MISSION CE FOR DI FATEMENT EXISTS NOT EMIT	RATE IN S A GRO SOURCE ELETION T DATABA	1995 UP OR
EMISSION YEAR: 95 SOURCE # 0017-0001 NJ ID EMISSION UNIT NUMBER PERMIT # 101251	B FUEL BURNING C TANKS X D BATCH PROCESS ID NO.B001	RTERLY THROUGHPUTS	25.0 RCE DID	25.0 NOT OPER	25.0	25.0
POLLUTANT CATEGORY VOC SOURCE DESCRIPTION 6000 GALLON MANUFACTURING PROCESS VESSEL (NJDEP)	E COATING ID NO F OTHER G WASTEWATER NJPDES ID NO H LANDFILL ID NO.	— A FU MARI — EMIS	GITIVE E	MISSION S E FOR DE ATEMENT	LETION	JP OR .
SOURCE DESCRIPTION 6000 GALLON MANUFACTURING PROCESS VESSEL	F OTHER G WASTEWATER NJPDES ID NO.	—— A FU MARI —— EMIS NO LO SOUI	GITIVE EI K SOURC SION ST ONGER E	MISSION S E FOR DE ATEMENT EXISTS NOT EMIT	SOURCE ELETION DATABA	JP OR FROM SE AS

FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL.

SOURCES NOT LISTED ON FORM A, PART 2

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

QUARTER BEGINNING 🔍

(CHECK ALL TH	TIMATES OF ACTUAL EMISSIONS HAT APPLY FOR EACH SOURCE CORRESPONDING FORMS)	DEC MAR JUN SEP JAN APR JUL OCT FEB MAY AUG NOV
EMISSION YEAR: 95 SOURCE # 0018-0001 NJ ID EMISSION UNIT NUMBER PERMIT # 109953 POLLUTANT CATEGORY VOC SOURCE DESCRIPTION 4,500 GAL TANK IS USED FOR STORAGE OF MINERAL SPI (NJDEP)	EDRM(3) % QUARTERLY THE B FUEL BURNING X C TANKS D BATCH PROCESS ID NO. E COATING ID NO. F OTHER G WASTEWATER NJPDES ID NO. H LANDFILL ID NO.	SOURCE DID NOT OPERATE IN 1995 SOURCE REPORTED AS A GROUP OR AS A FUGITIVE EMISSION SOURCE MARK SOURCE FOR DELETION FROM TH EMISSION STATEMENT DATABASE AS IT NO LONGER EXISTS
SOURCE DESCRIPTION (FACILITY) FACILITY SOURCE ID STACK HEIGHT 19 FT AVERAGE EXHAUST FLOW RATE 1 A	P PARTICULATE ROOM ID NO. ACFM AVERAGE EXHAUST TEMPERATURE 70	SOURCE DID NOT EMIT ANY AIR CONTAMINANTS F STACK DIAMETER 1 FT
EMISSION YEAR: 95 SOURCE # 0020-0001 NJ ID EMISSION UNIT NUMBER PERMIT # 111789 POLLUTANT CATEGORY TSP PM-10 SOURCE DESCRIPTION DUST EMISSIONS ARE EMITTED DURING THE LOADING OF (NJDEP) SOURCE DESCRIPTION GLASS LINED REACTOR #1 (FACILITY) FACILITY SOURCE ID	FORM(s) % QUARTERLY THR B FUEL BURNING C TANKS D BATCH PROCESS ID NO B001 E COATING ID NO F OTHER G WASTEWATER NJPDES ID NO H LANDFILL ID NO P PARTICULATE ROOM ID NO.	SOURCE DID NOT OPERATE IN 1995 SOURCE REPORTED AS A GROUP OR AS A FUGITIVE EMISSION SOURCE MARK SOURCE FOR DELETION FROM TH EMISSION STATEMENT DATABASE AS IT NO LONGER EXISTS SOURCE DID NOT EMIT ANY AIR CONTAMINANTS
STACK HEIGHT 30 FT AVERAGE EXHAUST FLOW RATE 1642 A	CFM AVERAGE EXHAUST TEMPERATURE 120	F STACK DIAMETER 8 FT

FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL

SOURCES NOT LISTED ON FORM A, PART 2

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

AVERAGE EXHAUST FLOW RATE 9400

STACK HEIGHT 22

FT

QUARTER BEGINNING 🔍

P142 1.

(CH	RM FOR ESTIMATES OF ACTUAL EMISSIONS HECK ALL THAT APPLY FOR EACH SOURCE D FILL OUT CORRESPONDING FORMS)		DEC JAN FEB	MAR APR MAY	JUN JUL AUG	SEP OCT NOV		
EMISSION YEAR: 95	FORM(s)	CA OUANTERLA THROUGHPUTS	25	25	25	<u> </u>		
,	B FUEL BURNING							
source # 0020-0002	C TANKS	SOU	RCE DID	NOT OPE	RATE IN	1995		
NJ ID EMISSION UNIT NUMBER	X D BATCH PROCESS ID NO	 ·						
PERMIT # 111789	F. COATING ID NO.					OUP OR AS		
POLLUTANT CATEGORY TSP PM-10	F OTHER	—— A FU	اع ۱۱۱۷ اق	MISSION	SOURCE			
SOURCE DESCRIPTION DUST EMISSIONS ARE EMITTED DURING THE LC	G WASTEWATER NJPDES	ID NO	MARK SOURCE FOR DELETION FROM THE					
(NJDEP)	H LANDFILL ID NO.		— EMISSION STATEM NO LONGER EXISTS					
SOURCE DESCRIPTION GLASS LINED REACTOR #2 (FACILITY)	P PARTICULATE ROOM ID	SOUF	RCE DID I		T ANY AIF	₹		
FACILITY SOURCE ID		00111	I ZATATITI ACATA	10				
STACK HEIGHT 30 FT AVERAGE EXHAUST FLOW RATE 1	642 ACFM AVERAGE EXHAUST TE	EMPERATURE 120 F	STACK	DIAMETE	ER 8	F		
	FORM(s)	% QUARTERLY THROUGHPUTS	25.0	25.0	25.0	25.0		
EMISSION YEAR: 95	B FUEL BURNING							
SOURCE # 0021-0001	C TANKS	COUL	OF DID A	IOT OBE	DATEIN	1005		
NJ ID EMISSION UNIT NUMBER	X D BATCH PROCESS ID NO	# management	KUE DID P	NOT OPE	RATE IN	1995		
PERMIT # 111790	E COATING ID NO.		CE REPO	ORTED A	S A GRO	UP OR AS		
POLLUTANT CATEGORY VOC	F OTHER	A FUC	SITIVE EN	MISSION S	SOURCE			
COLIDOE DESCRIPTION	G WASTEWATER NJPDES	ID NO MARK	SOURCE	FOR DE	ELETION	FROM TH		
NJDEP) BLUE S/S TANK	H LANDFILL ID NO.	——EMISS	— EMISSION STATEMENT DATABASE AS NO LONGER EXISTS					
OURCE DESCRIPTION BLUE S/S TANK	P PARTICULATE ROOM ID	NO						
FACILITY)		SOUR	SOURCE DID NOT EMIT ANY AIR CONTAMINANTS					
ACILITY SOURCE ID		00111		_				

ACFM

AVERAGE EXHAUST TEMPERATURE 70

STACK DIAMETER 7

FORM A, DURIT ZU PROCESS IDENTIFICATION DATA FOR ADDITIONAL.

SOURCES NOT LISTED ON FORM A, PART 2

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

QUARTER BEGINNING 🔍

	FORM FOR ESTIMATES OF ACTUAL EMISSIONS (CHECK ALL THAT APPLY FOR EACH SOURCE AND FILL OUT CORRESPONDING FORMS)	DEC MAR JUN SEP JAN APR JUL OCT FEB MAY AUG NOV
EMISSION YEAR: 95 SOURCE # 0021-0002 NJ ID EMISSION UNIT NUMBER PERMIT # 111790 POLLUTANT CATEGORY VOC SOURCE DESCRIPTION HAVEG PROCESS TANK (NJDEP)	EOCO(s) B FUEL BURNING C TANKS X D BATCH PROCESS ID NO.B001 E COATING ID NO. F OTHER G WASTEWATER NJPDES ID NO. H LANDFILL ID NO.	SOURCE DID NOT OPERATE IN 1995 SOURCE REPORTED AS A GROUP OR AS A FUGITIVE EMISSION SOURCE MARK SOURCE FOR DELETION FROM TH EMISSION STATEMENT DATABASE AS IT NO LONGER EXISTS
SOURCE DESCRIPTION (FACILITY) HAVEG PROCESS TANK FACILITY SOURCE ID STACK HEIGHT 22 FT AVERAGE EXHAUST FLOW RA	P PARTICULATE ROOM ID NO.	SOURCE DID NOT EMIT ANY AIR CONTAMINANTS F STACK DIAMETER 7 FT
EMISSION YEAR: 95 SOURCE # 0022-0001 NJ ID EMISSION UNIT NUMBER PERMIT # 112716 POLLUTANT CATEGORY VOC SOURCE DESCRIPTION (NJDEP) SOURCE DESCRIPTION SECONDARY EFFLUENT TANK (FACILITY)	FORM(s) % QUARTERLY THRO B FUEL BURNING X_ C TANKS D BATCH PROCESS ID NO. E COATING ID NO. F OTHER G WASTEWATER NJPDES ID NO. H LANDFILL ID NO. P PARTICULATE ROOM ID NO.	SOURCE DID NOT OPERATE IN 1995 SOURCE REPORTED AS A GROUP OR AS A FUGITIVE EMISSION SOURCE MARK SOURCE FOR DELETION FROM TH EMISSION STATEMENT DATABASE AS IT NO LONGER EXISTS SOURCE DID NOT EMIT ANY AIR CONTAMINANTS
FACILITY SOURCE ID STACK HEIGHT 20 FT AVERAGE EXHAUST FLOW RA	TE 6 ACFM AVERAGE EXHAUST TEMPERATURE 70	F STACK DIAMETER 1 FT

FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL.

SOURCES NOT LISTED ON FORM A, PART 2

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

QUARTER BEGINNING V

DEC MAR JUN SEP

Page 11

· (C	ORM FOR ESTIMATES OF ACTUAL EMISSIONS CHECK ALL THAT APPLY FOR EACH SOURCE ND FILL OUT CORRESPONDING FORMS)		JAN A	PR	JUN JUL AUG	SEP OCT NOV		
EMISSION YEAR: 95	FORM(3) & OTHER FRIT HRC	एउमिग्रह ।	2.1 2.	c ¹ , c	19,9	4 1 . *		
SOURCE # 0023-0001	X_B FUEL BURNING							
	C TANKS	SOURC	E DID NOT	OPERA	ATE IN	1995		
NJ ID EMISSION UNIT NUMBER	D BATCH PROCESS ID NO.							
PERMIT # 112717	E COATING ID NO.	· SOURC -— A FUGIT	E REPORT					
POLLUTANT CATEGORY VOC NOx CO SO2 TSP PM-10	F OTHER	A FUGII	HÁE EMIS	SION SC	OUNCE			
SOURCE DESCRIPTION A CLEAVER-BROOKS, MODEL #CB-400-200 BOI	G WASTEWATER NJPDES ID NO.		MARK SOURCE FOR DELETION FROM TEMISSION STATEMENT DATABASE AS I					
(NJDEP)	H_LANDFILL ID NO.		GER EXIST		JATABASE AS II			
SOURCE DESCRIPTION BOILER #2 (FACILITY)	P PARTICULATE ROOM ID NO.	SOURCE DID NOT EMIT ANY AIR CONTAMINANTS						
FACILITY SOURCE ID .		0011111						
STACK HEIGHT 20 FT AVERAGE EXHAUST FLOW RATE	3062 ACFM AVERAGE EXHAUST TEMPERATURE 400	F S	STACK DIAI	METER	. 1	F		
EMISSION YEAR: 95 SOURCE # 0024-0001 NJ ID EMISSION UNIT NUMBER PERMIT # 112718 POLLUTANT CATEGORY VOC SOURCE DESCRIPTION PACKED DISTILLATION COLUMN (NJDEP) SOURCE DESCRIPTION (FACILITY)	FORM(s) % QUARTERLY THRO B FUEL BURNING C TANKS D BATCH PROCESS ID NO. E COATING ID NO. X F OTHER G WASTEWATER NJPDES ID NO. H LANDFILL ID NO. P PARTICULATE ROOM ID NO.	SOURCE — A FUGIT MARK SO — EMISSIO NO LONG	OURCE FO IN STATEN GER EXIST	ED AS A HON SC R DELI MENT D S	A GROU DURCE ETION I DATABA	UP OR AS FROM TH		
FACILITY SOURCE ID		CONTAN	MINANTS					
	·							

99202

ANNUAL EMISSION STATEMENT FORM A, PART 7 - PRODESS IDENTIFICATION DATA FOR ADDITIONAL

SOURCES NOT LISTED ON FORM A, PART 2

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

QUARTER SEGINNING 🔍

Page

(CH	RM FOR ESTIMATES OF ACTUAL EMISS IECK ALL THAT APPLY FOR EACH SOU D FILL OUT CORRESPONDING FORMS)	RCE	DEC JAN FEB	MAR APR MAY	JUN JUL AUG	SEP OCT NOV
EMISSION'YEAR: 95	FORM(s)	% OUARTERLY THROUGHPUTS	25	25	25	25
source # 0025-0001	B FUEL BURNING					
NJ ID EMISSION UNIT NUMBER	X_ C TANKS		JRCE DID	NOT OPE	RATE IN	1995
	D BATCH PROCES		IRCE REP	ORTED A	S A GRO	OUP OR AS
PERMIT # 112719	E COATING ID NO.		JGITIVE E			
POLLUTANT CATEGORY VOC	F OTHER	MAR	K SOURC	E EOR D	ELETION	FROM TH
SOURCE DESCRIPTION 10,000 GAL. MANUFACTURING PROCESS VESSE		EMI	SSION ST			
(NJDEP)	H LANDFILL ID NO.	NO	ONGER E	XISTS		
SOURCE DESCRIPTION PRIMARY EFFLUENT TANK (FACILITY)	. P PARTICULATE R	, 501	JRCE DID NTAMINAN		T ANY AII	₹
FACILITY SOURCE ID						
STACK HEIGHT 23 FT AVERAGE EXHAUST FLOW RATE 1	ACFM AVERAGE EXH	AUST TEMPERATURE 70 F	STACK	DIAMETE	ER 1	FT
EMISSION YEAR: 95	FORM(s)	% QUARTERLY THROUGHPUTS	79.1	0	0	20.9
SOURCE # 0A01-0001	X B FUEL BURNING					
NJ ID EMISSION UNIT NUMBER	C TANKS	SOU	IRCE DID	NOT OPE	RATE IN	1995
NJ ID EMISSION ONLY NOWIBER	D BATCH PROCES		DOE DED	ODTED A	C A OBO	UD OD AC
PERMIT #	E COATING ID NO.		JGITIVE EI			UP OR AS
POLLUTANT CATEGORY VOC NOx CO SO2 TSP PM-10	F OTHER		K 6011B01	E EOD D		EDOM TU
SOURCE DESCRIPTION	G WASTEWATER N	LIPDES ID NO.	MARK SOURCE FOR D ——EMISSION STATEMEN			
(NJDEP)	H LANDFILL ID NO.	NO I	NO LONGER EXISTS			
SOURCE DESCRIPTION HEATING BOILER (FACILITY)	P PARTICULATE RO	SOL	RCE DID I	NOT EMIT	- 4417/ 415	
		CON	TAMINAN'	TS	ANY AIF	₹
FACILITY SOURCE ID		CON	TAMINAN	TS	ANY AIF	₹

Plantin VULUA

ANNUAL EMISSION STATEMENT

843710088

Emission Year 95

TO MEA, MARKET PROTTING LIBERTHAN SHEET BROUT AND CLASSICAL

PLEASE SEE INSTRUCTION BOOKLET (SECTION A) FOR INFORMATION ON FILLING OUT THIS FORM

1) 1	FUGITIVE EMISSI	002		•			
	TOTAL VOC	EMISSIONS:	8800	LBS/YEAR,	24	LBS/OZONE SEASON DAY (ESTIMATED)	
	TOTAL NOx	EMISSIONS:	0	LBS/YEAR.	0	LBS/OZONE SEASON DAY (ESTIMATED)	
	TOTAL CO	EMISSIONS:	0	LBS/YEAR,	0	LBS/OZONE SEASON DAY (ESTIMATED) 0	LBS/CO SEASON DAY (ESTIMATED)
	TOTAL SO2	EMISSIONS:	0	LBS/YEAR			
	TOTAL TSP	EMISSIONS:	0	LBS/YEAR			
	TOTAL PM-10	EMISSIONS:	0 /	LBS/YEAR			
	TOTAL Pb	EMISSIONS.	0	LBS/YEAR			

PROVIDE SOURCE CATEGORIES OF THESE FUGITIVE EMISSIONS BELOW: (SEE INSTRUCTION BOOKLET (SECTION A) FOR POSSIBLE SOURCES OF FUGITIVE EMISSIONS)

PRODUCT TRAYS

PUMP SEALS

VALVES

WATER TREATMENT TANK

(2) LABORATORY HOODS

NUMBER OF LABORATORY HOODS:

TOTAL VOC EMISSIONS:

LBS/YEAR (ESTIMATED)

CALCULATION METHODOLOGY CODE:

TOTAL FACILITY EMISSIONS (THE DEP WILL COMPLETE THIS FORM FOR YOU IF YOU REQUESTED DEP TO CALCULATE THE EMISSION RATES FROM ANY SOURCE ON FORMS BITHROUGH HI

TOTAL QUANTITY EMITTED IN CALENDAR YEAR 1994 (SUM OF EMISSIONS FROM FORMS A THROUGH P)

POLLUTANT	FUGITIVES (Λ4, B2, C3)	FORM B	FORM C	FORM D	FORM E	FORM F	FORM G	FORMH	FORM P	ACTUAL TOTAL FACILITY EMISSION (TONS/YEAR)
VOC (TONS)	4.416	0.054	4.520	46.171	0.000	0.018	0.000	0.000		55.179
NOx (TONS)	0.409	1.416		0.000		0.284				2.109
CO (TONS)	0.086	0.297		0.000		0.150			da an air an	0.533
SO2 (TONS)	0.002	0.009		0.000		0.002				0.013
TSP (TONS)	0.049	0.170		3.160	0.000	0.034			0.000	3.413
PM10 (TONS)	0.049	0.170		3.160	0.000	0.034			0.000	3.413
Pb (TONS)	0.00000	0.00000	:	0.00000		0.00000				0.00000

ANNUAL EMISSION STATEMENT THE NUMBER OF THE PROPERTY OF THE SELECTION OF THE OFFICE OF THE OFFICE OF THE OFFICE OF THE OFFICE OF THE OFFI

PLEASE SEE SECTION B OF INSTRUCTION BOOKLET FOR INFORMATION ON FILLING OUT THIS FORM.

. IF FIRING METHOD IS OTHER, DESCRIPTION OF FIRING METHOD

		SOURCE NO.		FIRING	FUEL CODE	UNITS	CON	_FUR [ITENT JEL (%)	— AVERA DAY BETWEEN 6/1 - 8/31	GE AMOUNT BUR DAY BETWEEN 12/1 - 2/28	PER YEAR	HOUF BE 6/1 - 8/3	ERATING RS PER DAY ETWEEN 1 12/1 - 2/28	OPERATING HOURS PER YEAR	S 6	OPERATING DAYS PER EASON WEEK 131 12/1 - 2/28
95	0	002-0001	8.37	10	NG	X MMCF	0		.0118	.0043	2.29	4.8	4.8 .	1642	7.0	7.0
						TONS										
	C	ONTROL				MGALS										
	DEV	ICE CODE								EMISSION RATE	EMISSIO	N RATE	EMISSION	RATE FMISSIC	N RATE	CALCULATION
	& EF	FICIENCY	CHECK (ONE:		EMISSIO	N FACT	OR WITH U	4;1S	(LBS/HOUR)	(LBS/OZO	NE DAY)	(LBS/CO I	DAY) (TONS	YEAR)	METHOD CODE
VOC	000	0.0 %		P PERFORM			E 0	LB/MMC	t:	.005	.026			.004		4
NOx	000	0.0 %		MISSION CA		100	E 0	LBS/MM	CF	.14	.671			.115		4
CO	000	0.0 %	X USE FOLLO	WING ACTU RATE AND FA		21	E 0	LBS/MM	CF	.029	.141		.141	.024		4
SO2	000	0.0 %		D NOT OPER		0.6	E 0	LBS/MM	CF	.001				.001		4
TSP	000	0.0 %		*		12	E 0	LBS/MM	CF	.017				.014		4
PM10	000	0.0 %			•	12	E 0	LBS/MM	CF	.017				.014		4
Pb	000	0 %				0	E. 0	0		0				0		4
95	0(023-0001	HER, DESCRIPT		NO	X MMCF TONS MGALS	0		.067	.088	23.99	24	24	8208	7	7
	DEVI	NTROL CE CODE FICIENCY	СНЕСК С	DNE:		EMISSION	N FACTO	OR WITH UN		EMISSION RATE (LBS/HOUR)	EMISSION (LBS/OZOI		EMISSION F	RATE EMISSIO (AY) (TONS/		CALCULATION METHOD CODE
VOC	000	0 %	HAVE NJDE			3.828	E 0	LB/MMCF	2	.011	.269			.046		4
NOx	000	0 %	DEFAULT EN			100	E 0	LB/MMCF	:	.292	7.02			1.2		4
СО	000	0 % _	X USE FOLLON EMISSION R			21	E 0	LB/MMCF	:	.061	1.47		1.47	.252		4
SO2	000	0 %	SOURCE DIE			0.6	E 0	LB/MMCF	:	.002				.007		4
TSP	000	0 % -		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	~~~ <u>-</u>	12	E 0	LB/MMCF	:	.035				.144		4
PM10	000	0 %				12	E 0	LB/MMCF	:	.035				.144		4
Pb	000	0 %				0	E 0	NA		0				0		4

ANNUAL EMISSION STATEMENT FLARK B. PRODES LAND TWISSING REPORMATION FOR FULL DUMASSACIA

PLEASE SEE SECTION B OF INSTRUCTION BOOKLET FOR INFORMATION ON FILLING OUT THIS FORM.

MISS	ION SOURCE NO.	MAX. HEAT INPUT	FIRING	FUEL			SULFUR ONTEN	DAY	AGE AMOUNT BUF DAY BETWEEN	RNED PER	HOUR	ERATING S PER DAY TWEEN	OPERATING HOURS	DAY	RATING YS PER ON WEEK
YEA	R (FROM FORM A)	(MMBTU/HR)	METHOD	CODE	UNITS	OF	FUEL (%) 6/1 - 8/31	12/1 - 2/28	YEAR	6/1 - 8/31	12/1 - 2/28	PER YEAR	6/1 - 8/31	12/1 - 2/28
95	0A01-0001	1.703	10	NG	X MMCF		0	0	.0181	2.02	0	24	4358	0	7
					TONS										
•	CONTROL DEVICE CODE				MGALS	5									
	& EFFICIENCY	CHECK O	NE:	e :	EMISSIC	N FA	CTOR V	WITH UNITS	(LBS/HOUR)	FMISSIO (LBS/OZO		(LBS/CO E	RATE EMISSIO PAY) (TONS/		THOD CODE
VOC	000 0%	HAVE NJDEP			3.828	E	0 L	B/MMCF	.002	0			:00.		1
NOx	000 0%	DEFAULT EM	IISSION CA	LCULATION	100	Ε	0 L	B/MMCF	.046	0			.101		4
CO	000 0%	X USE FOLLOW EMISSION RA			21	Ε	0 L	B/MMCF	.01	0		.233	.021		4
SO2	000 0%	SOURCE DID			0.6	Е	0 LI	B/MMCF	0.0001				0.001		4
TSP	000 0% -		THOT OF ET	VIIC	12	Ε	0 LI	B/MMCF	.006		•		.012		4
PM10	0 000 0 %				12	Е	0 LI	B/MMCF	.006				.012		4
Pb	000 0%				0	E	0 N	Α	0				0		4

IF FIRING METHOD IS OTHER, DESCRIPTION OF FIRING METHOD

4000年,自己的教育,独创的政治,这个主义的政治的政治,但是

MAR JUN SEP PLEASE SEE INSTRUCTION BOOKLET (SECTION A) FOR INFORMATION ON FILLING OUT THIS FORM. Emission Year 95 AVERAGE QUARTERLY THROUGHPUTS (%) NUMBER OF SMALL COMBUSTION SOURCES: 3 ANNUAL FUEL USAGE: 8.18 UNITS MMCF TYPE OF FUEL USED: NG REQUEST NJDEP TO PERFORM DEFAULT EMISSION CALCULATION CHECK ONE X USE THE FOLLOWING ACTUAL EMISSION RATES: VOC LBS/HR .004 TONS/YEAR .016 LBS/HP .111 TONS/YEAR .409 CO LBS/HR .023 TONS/YEAR .086 TONS/YEAR .002 SO2 LBS/HR .001 **TSP** LBS/HR .013 TONS/YEAR .049 LBS/HR .013 TONS/YEAR .049 PM-10 Pb LBS/HR 0 TONS/YEAR 0

HORSELY MORE TO THE SECOND INTO MENTANDERS AND A CONTRACTOR OF THE CONTRACTOR

PLEASE SEE SECTION C OF INSTRUCTION BOOKLET FOR INFORMATION ON FILLING OUT THIS FORM.

Emission Year	Source #	Fill Rate (Gal/Min)	Tank Construction	Tank Location	Tank Position	Tank Color	Tank Diameter (Feet)	Liquid Storage Temperature (°F)	Tank Volume (MGALS)	Average Volume in Tank (MGALS)	
95	0007-0001	100.0	WELDED	OUTDOOR	ABOVE GROUND	WHITE	8.0	AMBIENT	6.000	3.000	
FIXED ROO	DF TANK:		A. WITHOUT COI F. INCINERATOR		CONSERVATION VEN - SPECIFY:	IT C. CON	DENSER (D. ACTIVATED	E. SCRU	BBER	
ा व क्रांत्रस्य गाहरूमा अस्तास्त्रक्राच्या	agrati ingga panakananananan magapa ingga maga	तं र धारामा अगराज्या गाउनस्य सम्बद्धारा गाउँ । सम्ब	endangan melapan berapan berap Berapan melapan berapan berapa	רים ורי יפרי איי ל האי יפו וריופרים יו נד בו בינד יונד	क्ष हर्मान १९४५म् । मञ्जन १३४० एतम् १ कृष्य वस्त्र इत्राग्य गण	মাৰ চাৰ্যালয় হাত্ৰৰ প্ৰায়ৰ কৰে সমাজৰ বাহৰ			VALUE		/ गड ्ड
	•			Vapor	Molecular	Vapor	Through per Day Be		ighput Year	Emissions	
Contents	of Tank		CAS#	Pressure	Weight	Density	6/1-8/31 (M			/Hour Tons/Yea	ir
TOTAL VOC								1.69	316.1	0.32	1.4
								Emissio	n Factor: 0	E 0 0	
			•				÷	Calculati	ion Methodology	4	

PLEASE SEE SECTION C. OF INSTRUCTION BOOKLET FOR INFORMATION ON FILLING OUT THIS FORM.

Continued to the first of the continued of the second

Emission Year	Source #	Fill Rate (Gal/Min)	Tank Construction	Tank [*] Location	Tank Position	Tank Color	Tank Diameter (Feet)	Liquid Storage Temperature (°F)	Tank Volume (MG∆LS)	Average Volume in Tank (MGALS)
95	0008-0001	100.0	WELDED	OUTDOOR	ABOVE GROUND	WHITE	10.5	AMBIENT	10.000	5.000
FIXED ROO	F TANK:		_ A. WITHOUT CON _ F. INCINERATOR		CONSERVATION VEN - SPECIFY:	IT C. CON	IDENSER C). ACTIVATED	E. SCRUI	3BER
न त्यापाच प्रकृतकालालः -	নিয়াকৈ জ্বাহাৰ পৰাকৈ যে ক্ল'বনান্ত ল' পঞ্চ' নাল। ক	प्रशासन्द्रवात्राच्याचा प्राचन हालः । इत्स्यान	י יישיק ניתיקים רייישים אושבק עיקריי בי פוניים	Vapor	Molecular	Vapor	Through per Day Be	tween per Y	'ear	Emissions
Contents OTAL VOC	of Tank		CAS#	Pressure	Weight	Density	6/1-8/31 (M	, ,	•	Hour Tons/Ye
								Emission		E 0 0

Calculation Methodology

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A MERCHANT CONTRACTOR OF THE STATE OF THE ST

PLEASE SEE SECTION C. OF INSTRUCTION BOOKLET FOR INFORMATION ON FILLING OUT THIS FORM.

Emission Year	Source #	Fill Rate (Gal/Min)	Tank Construction	Tank Location	Tank Position	Tank Color	Tank Diameter (Feet)	Liquid Storage Temperature (°F)	Tank Volume (MGALS)	Average Volume in Tank (MGALS)
95	0013-0001	50.0	WELDED	OUTDOOR	ABOVE GROUND	WHITE	7.0	AMBIENT	1,5000	2.2500
FIXED ROC	DF TANK:		A. WITHOUT COM		CONSERVATION VEN	ųт <u> </u> с. сои	DEN3ER D	. ACTIVATED	E. 3CRUĖ	3BER
रामकाम्पः । स्वर्धं स्थानस्य अञ्चलस्य स्थान	म्बर्गे साम्बर्ग कर्मे । स्वाप्त स्थानिक स्थानिक स्थानिक स्थानिक स्थानिक स्थानिक स्थानिक स्थानिक स्थानिक स्थानि	^{र रा} र्वे ग्राम्या स्थानमा अस्य वर्षे केन्द्रक राज्ञ राज्ये के सम्बद्धकार स्थान	रामेंबंबर के क्रियुर्ग पंचार्य नावास्त्रीय क्रिया (१९४४ - ४०५ - १	काणके प्राप्तांकारका इस्ताहरू हो स्वताहरू हो स्वताहरू हो है। स्वताहरू	संपुत्र विकास अपूर्वे । विद्यान ना विकास करना गणित । वस्त्र क्षांत्र करना	के बक्त की की के रिवारिय होतिया क्षांत्रिक क्षांत्रिक हो <mark>वास्तित क्षांत्रिक</mark> हो	Through	out Through	aput	त्तरभिक्षा सम्बन्धा सम्बन्धा सम्बन्धा सम्बन्धा सम्बन्धा सम्बन्धा सम्बन्धाः । सम्बन्धाः सम्बन्धाः स
				Vapor	Molecular	Vapor	per Day Bel	ween per Ye	ar	Emissions
Contents TOTAL VOC	s of Tank		CAS#	Pressure	Weight	Density	6/1-8/31 (MC 0 .	, ,	,	Hour Tons/Year 008 0.034
								Emission F	actor: 0 I	E 0 0

Calculation Methodology

ANALUM, EMISSION STATEMENT The edge of the entropy and a group divine and the particle of the edge of the entropy of the entropy of the entropy of the edge of the ed

PLEASE SEE SECTION COOF INSTRUCTION BOOKLET FOR INFORMATION ON FILLING OUT THIS FORM.

-Nancio Ubidow

Emission Year	Source #	Fill Rate . (Gal/Min)	Tank Construction	Tank Location	Fank Position	Tank Color	Tank Diameter (Feet)	Liquid Storage Temperature (°F)	Tank Volume (MGALS)	Average Vo in Tank (MG	
95	0022-0001	13.5	WELDED	OUTDOOR	ABOVE GROUND	WHITE	10.0	AMBIENT	10.000	5.	.000
FIXED ROC	DF TANK:		A. WITHOUT COI F. INCINERATOR		CONSERVATION VEN - SPECIFY:	IT C. CON	IDENSER (D. ACTIVATED	E. SCRUE	BBER	
र प्रकार ने सकता प्रकार समझ जरावना	. इ.स. व्यक्त स्वतः १९ व्यक्तिम् सम्बद्धाः कृतानुष्टम् । स्व	हार्यक्तिके स्था स्थापित स्थापित स्थापित । स्थापित स्थापित स्थापित स्थापित स्थापित स्थापित स्थापित स्थापित स्थ	control and disputation of a control day.		na kata ka sakita na maka ka ka Makamin	manadari pangki ik tramkakada				والمهاد معادمة المستدارة والمتواجعة	,
				Vapor	Molecular	Vapor	Through per Day Be		•	Emissions	
Contents	of Tank		CAS#	Pressure	Weight	Density	6/1-8/31 (M		LS) Lbs/	Hour T	ons/Year
TOTAL VOC								22.5 821	4.4 .	880	.387
								Emission I	Factor: 0	E 0 0	
								0-1(-1)			

Andrew Manager Company of the Compan

PLEASE SEE SECTION C. OF INSTRUCTION BOOKLET FOR INFORMATION ON FILLING OUT THIS FORM.

Emission Year	Source #	Fill Rate (Gal/Min)	Tank Construction	Tank Location	Tank Position	Tank Color	Tank Diameter (Feet)	Liquid Storage Temperature (°F)	Tank Volume (MGALS)	Average Volume in Tank (MGALS)
95	0025-0001	15.0	WELDED	OUTDOOR	ABOVE GROUND	WHITE	10.0	AMBIENT	10.000	10.000
FIXED ROO	OF TANK:		A. WITHOUT COI F. INCINERATOR		CONSERVATION VEN	√1 С. СО№	IDENSER D). ACTIVATED	E. SCRUE	BBER
Contents TOTAL VOC	of Tank		CAS#	Vapor Pressure	Molecular Weight	Vapor Density	Through per Day Bet 6/1-8/31 (MC	tween per Ye	put ar S) Lbs/	Emissions Hour Tons/Year 011 0.049
								Emission F Calculation	actor: 0 Methodology 4	E 0 0

 $(a,b) = (a,b) \cdot (a,b$

- AUSUAL EMISSION STATEWESE

Emission Year	Batch Process ID	s Batch Product		Amount Produced per Batch (With Units)	Run	atch Time Batch)		Datch per c betwe 6/1 - 8	day por week een between	Batches per year
95	B001	CRUDE PIGMENT/I	H20 STRIKE	1544 LB	90			0.75	5.3	274
		Pollutant Category	Total Emissions before Controls (Lbs/Batch)	Total Emissions after Controls (t.bs/Batch)		Control evice Cod SEC.	des		Total Actual Emissoins (Lbs/Year)	Calculation Methodology Code
		PM10	13	.74	018	000	000		203	5
		TSP	,13	.74	018	000	000		203	5
Batch n	not Made in	1995	and the second of the second o	andre - pagawa mammi ya an a a a a a a a a a a a a a a a a a	· An an and a state of the state of the state of					
)5	B002	CRUDE PIGMT/ME	TH STRK	1567 LB	83		Transfer to the second	1	7.0	367
		Pollutant Category	Total Emissions before Controls (Lbs/Batch)	Total Emissions after Controls (Lbs/Batch)		Control vice Cod SEC.			Total Actual Emissoins (Lbs/Year)	Calculation Methodology Code
		PM10	. 13	.74	018	000	000		272	5
		TSP	13	.74	018	000	000		272	5
		VOC	55.8	50.3	072	000	000		18460	5
Batch n	not Made in 1	1995								
95	B003	CRUDE PIGMT/MET	TH STRK	1208 LB	92			0.06	0.4	21
		Pollutant Category	Total Emissions before Controls (Lbs/Batch)	Total Emissions after Controls (Lbs/Batch)		Control vice Cod SEC.	des		Total Actual Emissoins (Lbs/Year)	Calculation Methodology Code
		PM10	13	.74	018	000	000		15.5	4
		TSP	13	.74	018	000_	000		15.5	4
D 4-b	4 88 - 4 - 5 - 4	VOC	315.8	178.3	072	000	000		3744	4
_	not Made in 1	1995								
95	B004	CRUDE PIGMT/MET	THANOL STRK	1616 LB	107			0.18	1.3	66
		Pollutant Category	Total Emissions before Controls (Lbs/Batch)	Total Emissions after Controls (Lbs/Batch)		Control vice Cod SEC.	des TERT.		Total Actual Emissoins (Lbs/Year)	Calculation Methodology Code
		VOC	340.8	197.8	072	000	000		13055	4
		VUC	• • • • • • • • • • • • • • • • • • • •							
		TSP PM10	13.1 13.1	.84 .84	018 018	000 000	000 000		55.4 55.4	4

, which is a shift of the California of the form of t

Emission Year	Batch Process ID	Batch Product		Amount Produced per Batch (With Units)	Ba Run (Hrs/E			Batches per day between 6/1 - 8/31	Patches per week between 6/1 - 8/31	Batches per year
95	B011	PIGMENT/METH	ANOL FINISH	1661 LB	130	*******		0.088	0.62	32
		Pollutant Category	Total Emissions before Controls (Lbs/Batch)	Total Emissions after Controls (Lbs/Batch)		Control vice Coc SEC.			itual Emissoins bs/Year)	Calculation Methodology Code
		VOC TSP PM10	558.5 9.2 9.2	213.1 9.2 9.2	020 000 000	072 000 000	000 000 000	29	819 94 94	5 5 5
Batch i	not Made in	1995								
95	B012	PIGMENT/WATE	RFINISH	1554 LB	100		C	0.85	6.0	311
		Pollutant Category	Total Emissions before Controls (Lbs/Batch)	Total Emissions after Controls (Lbs/Batch)		Control vice Cod SEC.	les TERT.		tual Emissoins bs/Year)	Calculation Methodology Code
		TSP 5.9 PM10 5.9	5.9 5.9	000 000	000 000	000 000		335 335	5 5	
Batch r	not Made in 1	1995								

Emission Year	Batch Process ID	Batch Product		Amount Produced per Batch (With Units)	Run	alch Time Batch)		Bato per d betw 6/1 -	day per week een between	Batches per year
95	B005	PIGMENT/WATER	FINISH	1733 LB	106	and dead dea : Hillern &	·마! · 4명 · 사() / 명우 () 이미	0.56	3.9	203
		Pollutant Category	Total Emissions before Controls (Lbs/Batch)	Total Emissions after Controls (Lbs/Batch)	PRIM.	Control evice Co SEC	des TERT		Total Actual Emissoins (Lbs/Year)	Calculation Methodology Code
		TSP / PM10 VOC	9.1 9.1 219.1	9.1 9.1 16.1	018 018 072	000 000 020	000 000 000		1847 1847 3268	5 5 5
Batch	not Made in	1995								
95	B007	PIGMENT/METHAI	NOL FINISH	1689 LB	102	27 W 248 W 1454 W		0.05	0.35	18
		Pollutant Category	Total Emissions before Controls (Lbs/Batch)	Total Emissions after Controls (Lbs/Batch)	De PRIM.	Control evice Coo SEC.			Total Actual Emissoins (Lbs/Year)	Calculation Methodology Code
		TSP	5.9	5.9	000	000	000		106	5
		PM10	5.9	5.9	000	000	000		106	5
Batch	not Made in 1	VOC 1995	320.5	183	020	072	000		3294	5
)5	B008	PIGMENT/METHAN	IOL FINISH	. 1513 LB	122		,	0.28	2.0	103
		Pollutant Category	Total Emissions before Controls (Lbs/Batch)	Total Emissions after Controls (Lbs/Batch)	De PRIM.	Control vice Cod SEC.			Total Actual Emissoins (Lbs/Year)	Calculation Methodology Code
		TSP	6.0	6.0	000	000	000		618	5
		PM10	6.0	6.0	000	000	000		618	5
Batch i	not Made in 1	VOC 995	345.5	202.5	072	000	000		20857	5
5	B009	PIGMENT/METHAN	OL FINISH	1640 LB	110			0.323	2.3	118
		Pollutant Category	Total Emissions before Controls (Lbs/Batch)	Total Emissions after Controls (Lbs/Batch)		Control vice Cod SEC.	es TERT.		Total Actual Emissoins (Lbs/Year)	Calculation Methodology Code
		TSP	9.1	9.1	000	000	000		1074	5
•		PM10 VOC	9.1 533.5	9.1 193.6	000 020	000 072	000 000		1074 22845	5 5
			~~~~	, 50.0	720	V . A.			~=	•

# MEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROJECTION ARMAD MICHAEL MICHAE

Emission Year	Batch Process ID	Batch Product		Amount Produced per Batch (With Units)	Bat Run (Hrs/B	Time		Batches per day between 6/1 - 8/31	Batches per week between 6/1 - 8/31	Batches per year
95	B011	PIGMENT/METHAN	IOL FINISH	1661 LB	130	1444 han af be fatere		0.088	0.62	32
		Pollutant Category VOC TSP PM10	Total Emissions before Controls (Lbs/Batch) 558.5 9.2 9.2	Total Emissions after Controls (Lbs/Batch) 213.1 9.2 9.2		Control vice Cod SEC 072 000 000		(L 6 <b>2</b>	stual Emissoins bs/Year) 819 94	Calculation Methodology Code 5 5 5
Batch	not Made in 1	1995								
95	B012	PIGMENT/WATER I	FINISH	1554 LB	100	PRESCRIPTION NOTES		0.85	6.0	311
		Pollutant Category	Total Emissions before Controls (Lbs/Batch)	Total Emissions after Controls (Lbs/Batch)		Control rice Cod SEC.	les TERT		tual Emissoins bs/Year)	Calculation Methodology Code
		TSP PM10	5.9 5.9	5.9 5.9	000 000	000 000	000 000		335 335	5 5
Batch i	not Made in 1	995								

AND POLLUTANTS

Section of the Control of the Contro

# PLEASE SEE INSTRUCTION BOOKLET (SECTION F) FOR INFORMATION ON FILLING OUT THIS FORM.

Y	ssion ear Source#	(	Operating Hours  Hrs/Year		Pollutant Category		ntrol Dev Codes SEC		Overall Efficiency	Calculation Methodology Code			Factor Used, actor & Units		missions Tons/Yea
95	0003-0005	· 24	7799	नारक साम्बन्धन <b>म</b> भाजना 7	SOZ	000	000	000	9,0	1 T. S. (1994) T. (1994) T	0.6	E	-6 LB/CF	0.001	0.002
					TSP	000	000	000	0.0	4	12.0	E	-6 LB/CF	.009	.034
					PM10	000	000	000	0.0	4	12.0	Ε	-6 LB/CF	.009	.034
В.	Process Rate: 170 Process Rate Units ar	e: CF	er Day, 56760 or Product/C		'ear		Sou	rce did n	ot Operate in 1999	5					
95	0003-0005	24	7799	7	VOC	000	000	000	0.0	4	3.83	E	-6 LB/CF	.003	.011
	•				NOx	000	000	000	0.0	4	100	E	-6 LB/CF	.073	.284
					со	000	000	000	0.0	1	0	E	0 0	0.038	0.15
	•														
A.	Process Rate: 1700	)00 pe	er Day, <b>5676</b> 0	000 per Y	ear										
В.	Process Rate Units are	e: CF													
C.	Is this X Raw Mate	erial/Input o	r Product/O	utput		-	Soul	rce did n	ot Operate in 1995						
95	0024-0001	24	7020	5	VOC	072	088	000	75	4	0	E E	0 0	0.0085	0.0074
				,								<u> </u>			
Α.	Process Rate: 273	<b>81</b> pe	er Day, <b>82144</b>	25 per Ye	ear ·		•								
В.	Process Rate Units are	: GALS	•												
C.	Is this Raw Mate	rial/Input or	r <u>X</u> Product/O	utput			Sour	ce did no	ot Operate in 1995						

EXHIBIT 12A - MR2

August 29, 1995

SunChemical Corporation 185 Foundry Street Newark, NJ 07105

Passaic Valley Sewerage Commissioners 600 Wilson Avenue Newark, New Jersey 07105 ATTN: Industrial and Pollutuion

RE: MR-1 Reports for July 1995

Mr. D'Ascensio:

Enclosed please find an MR-2 report for the period covering July 1 through July 31, 1995 for the SunChemical Corporation facility located at the above address.

If you have any questions regarding this information, please contact me at your convenience at (201) 344-4879.

1079

Very Truly Yours,

Dennis Morrison Plant Manager

cc:

R. Sharkey A. Shearer

843710104

Name_SU	N CHEMICAL				84371	0105
Malling Addre	25 185 FOUNDA	LY ST	NewARK	N.J.	07105	5
Facility Loca	SUND COL noil	oky 81	NewAr	ek N,	J 0710	5
Category & S	ubpart 40CFR 414.	SUBPART	// Outlet	204	01042-0	 44100-02
Contact Offic	oal Dennis Moi	rrison			1-344-4	
7 / 95 Mo Day Yr.	Mo. Day Yr.  End  (If applicable)	11 1 10 6VN	For It legulated flow oth Plow-gal lethod used TAL INCOMP POINTION -	eporting 1 1-gal/day /day 81 -1112 Cit Shritae	76, <u>763</u> 962	84.439 90,158
		DI	णायक विष	Numpel	of Days	werker.
Parameter		Mnss Llui Averago	t or Concents Maximum	ation Units	No. of Samples	Sample ty Comp./gra
	Sample measurement Fermit requirement Sample measurement Sample measurement Fermit requirement Fermit requirement Sample measurement Sample measurement Sample measurement					
	Permit requirement			-		

PVSC Form MR-1 Rev. 4 6/87 P1

Sample measurement Permit requirement

Sample measurement Permit requirement

Sample measurement Permit regulrement

Sample measurement Permit requirement

See ATTACheD

Note: No modifications have been made, for the plot plan during this period

## Monthly Water Calculation July 1995

## Water Meter Readings

<u>Date</u>	$\underline{Meter 1(Ft3)} \qquad \underline{Meter 2(Ft3)}$		Meter 3(gal)					
July 1	9613340	44098400	1232500					
July 31	9669290	44382130	1266600					
Difference	55950	283730	34100					
Total Gallons = [Meter 1(Ft3) + Meter 2(Ft3)]. $\times$ 7.48 = 2,540,806								
Minus 5% Evaporation = 127,040								
Minus sanitary discharge = Meter 3(gal) = 34,100								
Total Regulated Flow = 2,379,666								

# Sun Chemical 185 Foundry Street Newark, N.J. 07105 Permit # 20401042-44100-0201

## Month of July 1995

		,	Average Permit Requirement		Average Actual Value	Maximum Permit Requirement	Maximum Actual Value	
Water Volume of period Working days Average Gallons / Day Million Gallons / Day			2,379,666 30 79,322 0.0793		2,379,666 30 79,322 0.0793	2,617,633 30 87,254 0.0873	87,254	) L
<u>Parameter</u>			Monthly <u>Average</u>		Daily <u>Maximum</u>	<u>Units</u>	# samples	sample type
1,2 Dichlorbenzene	Sample Permit	<	0.01852 0.17457	<	0.01852 0.70721	lbs. / day lbs. / day	1 1	COMP
1,3 Dichlorobenzene	Sample Permit	<	0.01985 0.12648	<	0.01985 0.33846	lbs. / day lbs. / day	1 1	СОМР
1,4 Dichlorobenzene	Sample Permit	<	0.01720 0.12648	<	0.01720 0.33846	lbs. / day lbs. / day	1 1	СОМР
1,1 Dichloroethylene	Sample Permit	<	0.01058 0.01960	<	0.01058 0.05344	lbs. / day lbs. / day	1 1	GRAB
1,2 trans-Dichloroethylene	Sample Permit	<	0.00794 0.02227	<	0.00794 0.05879	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloropropane	Sample Permit	<	0.00331 0.17457	<	0.00331 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,3 Dichloropropylene	Sample Permit	<	0.00060 0.17457	<	0.00060 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloroethane	Sample Permit	<	0.00198 0.16032	<	0.00198 0.51125	lbs. / day lbs. / day	1 1	GRAB
1,1,1 Trichloroethane	Sample Permit	<	0.00926 0.01960	<	0.00926 0.05255	lbs. / day lbs. / day	1 1	GRAB
Hexachloroethane	Sample Permit	<	0.01522 0.17457	<	0.01522 0.70721	lbs. / day lbs. / day	1 1	COMP
Methylene Chloride	Sample Permit	<	0.00146 0.03206	<	0.00146 0.15142	lbs. / day lbs. / day	1 1	GRAB
Ethylbenzene	Sample Permit	<	0.00093 0.12648	<	0.00093 0.33846	lbs. / day lbs. / day	1 1	GRAB

	•							
Methylchloride	<ul> <li>Sample Permit</li> </ul>	<	0.00040 0.09798	<	0.00040 0.26275	lbs. / day lbs. / day	1 1	GRAB
Hexachiorobutadiene	Sample Permit	<	0.00126 0.12648	<	0.00126 0.33846	lbs. / day lbs. / day	1 1	СОМР
Nitrobenzene	Sample Permit	<	0.00139 1.99247		0.00139 5.70218	lbs. / day lbs. / day	1 1	СОМР
2-Nitrophenol	Sample Permit	<	0.00172 0.05789	<	0.00172 0.20575	lbs. / day lbs. / day	1 1	СОМР
4-Nitrophenol	Sample Permit	<	0.00126 0.14429	<	0.00126 0.51304	lbs. / day lbs. / day	1	СОМР
4,6 Dinitro O-cresol	Sample Permit	<	0.00172 0.06947	<	0.00172 0.24672	lbs. / day lbs. / day	1	СОМР
Tetrachloroethylene	Sample Permit	<	0.00860 0.04632	<	0.00860 0.14607	lbs. / day lbs. / day	1	СОМР
Toluene	Sample Permit	<	0.00662 0.02494		0.00662 0.06591	lbs. / day lbs. / day	1 1	GRAB
Trichloroethylene	Sample Permit	<	0.01455 0.02316	<	0.01455 0.06146	lbs. / day lbs. / day	1 1	GRAB
Benzene	Sample Permit	<	0.00595 0.05077	<	0.00595 0.11935	lbs. / day lbs. / day	1 1	GRAB
Carbontetrachloride	Sample ` Permit	<	0.01058 0.12648	<	0.01058 0.33846	lbs. / day lbs. / day	1 1	GRAB
1,2,4 Trichlorobenzene	Sample Permit	<	0.00192 0.17457	<	0.00192 0.70721	lbs. / day lbs. / day	1 1	COMP
Chlorobenzene	Sample Permit	<	0.01058 0.12648	<	0.01058 0.33846	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobenzene	Sample Permit	<	0.01455 0.17457	<	0.01455 0.70721	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethane	Sample Permit	<	0.00463 0.01960	<	0.00463 0.05255	lbs. / day lbs. / day	1 1	GRAB
1,1,2 Trichloroethane	Sample Permit	<	0.00529 0.02850	<	0.00529 0.11312	lbs. / day lbs. / day	1	GRAB
Chloroethane	Sample Permit	<	0.00794 0.09798	<	0.00794 0.26275	ibs. / day ibs. / day	1 1	COMP
Chloroform	Sample Permit	<	0.00397 0.09887	<	0.00397 0.28947	lbs. / day lbs. / day	1 1	GRAB

Vinyl Chloride	Sample Permit	< 0.01257 0.08640	< 0.01257 0.15320	lbs. / day lbs. / day	1 1	GRAB
Total cyanide	Sample Permit	< 0.00662 0.37409	< 0.00662 1.06882	lbs. / day lbs. / day	1 1	GRAB
Total lead - Not regulated per PVSC letter 1/31/95	Sample Permit	< 0.00000 Not Regulated	< 0.00000 d Not Regulat	lbs. / day lbs. / day	1 1	COMP
Total zinc	Sample Permit	0.04095 0.93522	0.04095 2.32469	lbs. / day lbs. / day	1 1	СОМР

iVA	on-use if appliemble (use additional sheets)	•
• Compliance or no	n compliance statement with compliance sched	
	every parameter used.	ute (use additional sheet
SUN CHEN	11CAL 18 reporting and	: Ha ill
Dapautti	TICAL IS reporting compliances of 40 CFR 4-14 SUBTACTION	el will all
THEATE	2 01 4.0 ct x bil goldtigett.	
i bontseM nialyxi	or preserving samples	
		- 
SEE	letter from General TEST,	ing LABS
under my direct qualified persom inquiry of the responsible for g knowledge and significant pena	penalty of law that this document and all at ion or supervision in accordance with a systemed properly gather and evanlate the information person or persons who manage the system, cathering the information, the information submitter, true, accurate, and complete. I addies for submitting false information, including or knowing violations.	n designed to assure the submitted. Based on a or those persons direct afted is, to the best of a on aware that there a
403.6(a)(2)(li) re	vised by 53 FR 40010, October 17, 1988	
	Signature of Principal Executive or Authorized Agent	<u></u>
	Dennis Morrison	
	PLANT MANAG	ER
	Type Name aixl Title	

PYSC Porm MR-1 Rev. 5 3/91 P2

September 20, 1995

SunChemical Corporation 185 Foundry Street Newark, NJ 07105

Passaic Valley Sewerage Commissioners 600 Wilson Avenue Newark, New Jersey 07105 ATTN: Industrial and Pollution

RE: MR-1 and MR-2 Reports for August 1995

Mr. D'Ascensio:

Enclosed please find an MR-1 and MR-2 report for the period covering August 1 through August 31, 1995 for the SunChemical Corporation facility located at the above address.

In the MR-1 report, we are reporting non compliance for toluene discharge under our permit. Sun is currently working on resolving this problem as outline the in the Administrative Consent Order between PVSC and Sun. If you have any questions regarding this information, please contact me at your convenience at (201) 344-4879.

Very Truly Yours,

Dennis Morrison Plant Manager

cc: R. Sharkey

A. Shearer

# Monthly Water Calculation August 1995

# Water Meter Readings

<u>Date</u>	Meter 1(Ft3)	Meter 2(Ft3)	Meter 3(gal)	
August 1 August 31	9669290 9704420	44382130 44583450	1266600 1300800	
Difference	35130	201320	34200	
Total Gallons	s = [Meter 1(Ft3) + Meter 1]	eter 2(Ft3)]. x 7.48	= 1,768,646	gallons
Minus 5% Ev	aporation		= 88,432	gallons
Minus sanitar	y discharge = Meter 3	(gal)	= 34,200	gallons
Total Regula	ted Flow		= 1,646,014	gallons

Name_SU	N CHEMICAL					•
Mailing Addre	95 185 FOUNDR	YST	NewARK	N.J.	0710	<u> </u>
Facility Loca	ubpart 40 CFR 414	RY 87	NewAr	elc N.	J 0710	5
Category & S	ubpart 40 CFR 414	PUBPART	- [-] Outlet	. 204	01042-	44100-02
Contact Offic	cal Dennis Mor	rison	Telepho	ne # 20	1-344-4	LF 79
8 1 95 Mo Day Yr.	Mo. Day Yr. End Te (If applicable)	7.1	For 18 legulated flow total Flow-gal fethod wed TAL INCOMM PORTION 1		96,824_ 1,038	•
Parameter		Mns Limi Averogo	t or Concentr Maximum	ation Units	No. of Samples	Sample typ Comp./gra
	Sample measurement Permit regulrement				मर्ग मामसाया स्टब	
	Sample measurement Permit requirement					
	Sample measurement Fermit regulrement					
	Sample measurement Permit regulrement					
	Sample measurement Permit regulrement					
	Sample measurement Permit requirement	•	•			
	Sample measurement Permit requirement	1				

PVSC Form MR-1 Rev. 4 6/87 P1

Sample measurement Permit requirement

Sample measurement Permit requirement

See ATTACheD

NOTE: No modifications have been made passent the plot plan during this period

#### - Sun Chemical 185 Foundry Street Newark, N.J. 07105 Permit # 20401042-44100-0201

#### Month of August 1995

			Average Permit Pequirement		Average Actual Value	Maximum Permit Requirement	Maximum Actual Value	
Water Volume of period Working days Average Gallons / Day Million Gallons / Day		1	,646,014 17 96,824 0.0968		1,646,014 17 96,824 0.0968	1,810,615 17 106,507 0.1065		
<u>Parameter</u>			Monthly <u>Average</u>		Daily <u>Maximum</u>	<u>Units</u>	# samples	sample <u>type</u>
1,2 Dichlorbenzene	Sample Permit	<	0.04522 0.17457	<	0.04522 0.70721	lbs. / day lbs. / day	1 1	COMP
1,3 Dichlorobenzene	Sample Permit	<	0.04845 0.12648	<	0.04845 0.33846	lbs. / day lbs. / day	1 1	COMP
1,4 Dichlorobenzene	Sample Permit	<	0.04199 0.12648	<	0.04199 0.33846	lbs. / day lbs. / day	1 1	СОМР
1,1 Dichloroethylene	Sample Permit	<	0.00565 0.01960	<	0.00565 0.05344	lbs. / day lbs. / day	1 1	GRAB
1,2 trans-Dichloroethylene	Sample Permit	<	0.00444 0.02227	<	0.00444 0.05879	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloropropane	Sample Permit	<	0.00162 0.17457	<	0.00162 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,3 Dichloropropylene	Sample Permit	<	0.00323 0.17457	<	0.00323 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloroethane	Sample Permit	<	0.00323 0.16032	<	0.00323 0.51125	lbs. / day lbs. / day	1 1	GRAB
1,1,1 Trìchloroethane	Sample Permit	<	0.00242 0.01960	<	0.00242 0.05255	lbs. / day lbs. / day	1	GRAB
Hexachloroethane	Sample Permit	<	0.03715 0.17457	<		lbs. / day lbs. / day	1	СОМР
Methylene Chloride	Sample Permit	<	0.00162 0.03206	<		lbs. / day lbs. / day	1 1	GRAB
Ethylbenzene	Sample Permit	<	0.00323 0.12648	<	0.00323 0.33846		1 1	GRAB

Methylchloride	- Sample Permit	<	0.00485 0.09798	<	0.00485 0.26275	lbs. / day lbs. / day	1	GRAB
Hexachlorobutadiene	Sample Permit	<	0.03069 0.12648	<	0.03069 0.33846	lbs. / day lbs. / day	1	COMP
Nitrobenzene	Sample Permit		0.06218 1.99247		0.06218 5.70218	lbs. / day lbs. / day	1	COMP
2-Nitrophenol	Sample Permit	<	0.04199 0.05789	<	0.04199 0.20575	lbs. / day lbs. / day	1 1	COMP
4-Nitrophenol	Sample Permit	<	0.03069 0.14429	<	0.03069 0.51304	lbs. / day lbs. / day	1 1	COMP
4,6 Dinitro O-cresol	Sample Permit	<	0.04199 0.06947	<	0.04199 0.24672	lbs. / day lbs. / day	1 1	COMP
Tetrachloroethylene	Sample Permit	<	0.00444 0.04632	<	0.00444 0.14607	lbs. / day lbs. / day	1 1	COMP
Toluene	Sample Permit		0.96902 0.02494		0.96902 0.06591	lbs. / day lbs. / day	1 1	GRAB
Trichloroethylene	Sample Permit	<	0.00363 0.02316	<	0.00363 0.06146	lbs. / day lbs. / day	1 1	GRAB
Benzene	Sample Permit	<	0.00283 0.05077	<	0.00283 0.11935	lbs. / day lbs. / day	1 1	GRAB
Carbontetrachloride	Sample Permit	<	0.00242 0.12648	<	0.00242 0.33846	lbs. / day lbs. / day	1 1	GRAB
1,2,4 Trichlorobenzene	Sample Permit	<	0.04684 0.17457	<	0.04684 0.70721	lbs. / day lbs. / day	1 1	COMP
Chlorobenzene	Sample Permit	<	0.00242 0.12648	<	0.00242 0.33846	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobenzene	Sample Permit	<	0.03553 0.17457	<	0.03553 0.70721	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethane	Sample Permit	<	0.00363 0.01960	<	0.00363 0.05255	lbs. / day lbs. / day	1 1	GRAB
1,1,2 Trichloroethane	Sample Permit	<	0.00363 0.02850	<	0.00363 0.11312	lbs. / day lbs. / day	1 1	GRAB
Chloroethane	Sample Permit	<	0.00565 0.09798	<	0.00565 0.26275	lbs. / day lbs. / day	1 1	COMP
Chloroform	Sample Permit		0.00517 0.09887		0.00517 0.28947	lbs. / day lbs. / day	1 1	GRAB

Vinyl Chloride	Sample Permit		00444 < 08640	0.00444 0.15320	lbs. / day lbs. / day	1	GRAB
	i Giiiii	0.0	000+0	0.10020	ibs. / day	•	
Total cyanide	Sample	< 0.0	> 80800	0.00808	lbs. / day	1	GRAB
	Permit	0.3	37409	1.06882	lbs. / day	1	
Total lead - Not regulated per	Sample	< 0.0	00000 <	0.00000	lbs. / day	1	COMP
PVSC letter 1/31/95	Permit	Not I	Regulated	Not Regulat	lbs. / day	1	
Total zinc	Sample	0.0	05895	0.05895	lbs. / day	1	COMP
•	Permit	0.9	93522	2.32469	lbs. / day	1	

Certification of Hon-use if applienble (use additional sheets)	• • • • • • • • • • • • • • • • • • • •
Compliance or non compliance statement with compliance schedule (use additional	al sheets
If necessary) for every parameter used	
SUN CHEMICAL IS reporting compliance with	äll
PARAMETERS of 40 CFR 4-14 SUBTARTITION	<del></del>
Explain Method for preserving samples	
SEE letter from General TESTING LABO	, ,
I certify under penalty of law that this document and all attachments were under my direction or supervision in accordance with a system designed to as qualified personnel properly gather and evaniate the information submitted. Das inquiry of the person or persons who manage the system, or those persons responsible for gathering the information, the information submitted is, to the beknowledge and belief, true, accurate, and complete. I am aware that the significant penalties for submitting fulse information, including the possibility of imprisonment for knowing violations.	sure that ed on my directly est of my there are
403.6(a)(2)(li) revised by 53 FR 40010, October 17. 1988  Signature of Principal Executive or Authorized Agent	
Dennis Morrison PLANT MANAGER	
Type Name and Title	

PVSC Form MR-1 Rev. 5 3/91 P2

October 19, 1995

**SunChemical Corporation** 185 Foundry Street Newark, NJ 07105

Passaic Valley Sewerage Commissioners 600 Wilson Avenue Newark, New Jersey 07105 ATTN: Industrial and Pollution

RE: MR-1 and MR-2 Reports for September 1995

Mr. D'Ascensio:

Enclosed please find an MR-1 and MR-2 report for the period covering September 1 through September 30, 1995 for the SunChemical Corporation facility located at the above address.

In the MR-1 report, we are reporting non compliance for the daily maximum toluene discharge under our permit. This exceedence is from a sample taken on September 13, 1995. Sun and PVSC had entered into an Administrative Consent Order regarding this toluene limit which expired on September 15, 1995.

Sun has subsequently changed the source of Mineral Spirits utilized in our processing which we believe is the cause of our toluene problems. We expect in the future, to be in compliance with this limit. If you have any questions regarding this information, please contact me at your convenience at (201) 344-4879.

Very Truly Yours,

Dennis Morrison Plant Manager

cc:

R. Sharkey A. Shearer

# Monthly Water Calculation September 1995

# Water Meter Readings

<u>Date</u>	Meter 1(Ft3)	Meter 2(Ft3)	Met	er 3(gal)	
August 1 August 31	9704420 9755350	44583450 44865200		0800 8900	
Difference	50930	281750	28	3100	
Total Gallons	= [Meter 1(Ft3) + Me	ter 2(Ft3)]. x 7.48	= 2	,488,446	gallons
Minus 5% Ev	aporation		=	124,422	gallons
Minus sanitary	y discharge = Meter 3(	gal)	=	28,100	gallons
Total Regulat	ed Flow		= 2	,335,924	gallons
			-		

Name	SUN CHEMICA	L CORPORA	ATION			
Address	185 FOUNDRY	STREET NE	EWARK, NEW JERSEY 07105			
Facility Location 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105						
Outlet Designation (17 digits) 20401041-44100-201						
Monitoring Period Volume Discharged this Period						
Start		End				
9 01 1995		9 30 1995	31,000 Gallons			

# Sanitary Discharge Only

Date	BOD	TSS	Date	BOD	TSS	
	0310	0530		0310	0530	
	NA	NA				

Signature of Principal or Authorized Agent	Type name and title	Telephone number and Date
Deni Markin	Dennis Morrison Plant Manager	201-344-4879
		Sept 19 1995

Name	SUN CHEMICAL CORPO	DRATION			
Address	185 FOUNDRY STREET	NEWARK, NEW JERSEY 07105			
Facility Location 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105					
Outlet Desi	gnation (17 digits)	20401042-44100-201			
Outlet Desi	griation (17 digits)	20401042-44100-201			
Monitoring	Period	Volume Discharged this Period			
Start	End				
9 01 1995	9 30 199	5 2,569,369 Gallons			

Date	BOD 0310	TSS 0530	Date	BOD 0310	TSS 0530	
09/08/95	7,050	248				
09/13/95	6,900	112				
09/22/95	7,560	190				
09/27/95	6,840	124				
		-				

Signature of Principal or Authorized Agent	Type name and title	Telephone number and Date
D. What	Dennis Morrison Plant Manager	201-344-4879
Denn Marrison		Sept 19 1995

PVSC FORM MR-2 REV.2 1/86

Name SU	N CHEMICAL					•
Mailing Addre	== 185 FOUNDA	2781	Newark	ルボ	0710	<u> </u>
Pacility Local	tion 185 FOUND	ory ST	NewAI	ek N.	J 0710	55
Category & Si	ubpart 40 CFR 414.	SUBPART	14 Outle	u 204	0104-2-	44100-02
Contact Office	eal Dennis Moi	rison	'l'elepho	ne! 20	1-344-4	HP 79
Monitoria  O 1 99  Mo Day Yr.	1g Period 95	11 1 1		leporting F v-gal/day /dny_55	Period <u>AVG</u> 80 <u>549</u> 808 9	MAX 88604 14389
					1	
Parameter		Mass Limi Averogo	<u>t or Concentr</u> Maximum	Units	Ho. of Samples	Sample typ Comp./gra
	Sample measurement Permit regulrement					-
	Sample measurement  Sample measurement  Permit requirement  Sample measurement  Permit requirement  Sample measurement  Permit requirement  Sample measurement  I remit requirement  Sample measurement  Sample measurement  Sample measurement  Sample measurement  Sample measurement					
	Sample measurement Permit requirement	it	i			

PVSC Form MR-1 Rev. 4 6/07 P1

843710122

See ATTACheD Note: No modifications have been made, for the plot plan during this period

#### Sun Chemical 185 Foundry Street Newark, N.J. 07105 Permit # 20401042-44100-0201

#### Month of September 1995

			Average Permit Pequirement		Average Actual Value	Maximum Permit Requirement	Maximum Actual Value	
Water Volume of period Working days Average Gallons / Day Million Gallons / Day		2	2,335,924 29 80,549 0.0805		2,335,924 29 80,549 0.0805	2,569,516 29 88,604 0.0886	88,604	
<u>Parameter</u>			Monthly <u>Average</u>		Daily <u>Maximum</u>	<u>Units</u>	# samples	sample <u>type</u>
1,2 Dichlorbenzene	Sample Permit	<	0.01881 0.17457	<	0.01881 0.70721	lbs. / day lbs. / day	1 1	COMP
1,3 Dichlorobenzene	Sample Permit	<	0.02015 0.12648	<	0.02015 0.33846	lbs. / day lbs. / day	1 1	COMP
1,4 Dichlorobenzene	Sample Permit	<	0.01747 0.12648	<	0.01747 0.33846	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethylene	Sample Permit	<	0.00188 0.01960	<	0.00188 0.05344	lbs. / day lbs. / day	1 1	GRAB
1,2 trans-Dichloroethylene	Sample Permit	<	0.00148 0.02227	<	0.00148 0.05879	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloropropane	Sample Permit	<	0.00054 0.17457	<	0.00054 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,3 Dichloropropylene	Sample Permit	<	0.00249 0.17457	<	0.00249 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloroethane	Sample Permit	<	0.00107 0.16032	<	0.00107 0.51125	lbs. / day lbs. / day	1 1	GRAB
1,1,1 Trichloroethane	Sample Permit	<	0.00081 0.01960	<	0.00081 0.05255	lbs. / day lbs. / day	1	GRAB
Hexachloroethane	Sample Permit	<	0.01545 0.17457	<	0.01545 0.70721	lbs. / day lbs. / day	1 1	COMP
Methylene Chloride	Sample Permit	<	0.00322 0.03206	<	0.00322 0.15142	lbs. / day lbs. / day	1 1	GRAB
Ethylbenzene	Sample Permit		0.00249 0.12648		0.00249 0.33846	lbs. / day lbs. / day	1 1	GRAB

Methylchloride	Sample Permit		0.00181 0.09798		0.00181 0.26275	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobutadiene	Sample Permit	<	0.01276 0.12648	<	0.01276 0.33846	lbs. / day lbs. / day	1 1	COMP
Nitrobenzene	Sample Permit		0.02284 1.99247		0.02284 5.70218	lbs. / day lbs. / day	1 1	COMP
2-Nitrophenol	Sample Permit	<	0.01747 0.05789	<	0.01747 0.20575	lbs. / day lbs. / day	1 1	COMP
4-Nitrophenol	Sample Permit	<	0.01276 0.14429	<	0.01276 0.51304	lbs. / day lbs. / day	1 1	COMP
4,6 Dinitro O-cresol	Sample Permit	<	0.01747 0.06947	<	0.01747 0.24672	lbs. / day lbs. / day	1 1	COMP
Tetrachloroethylene	Sample Permit	<	0.00148 0.04632	<	0.00148 0.14607	lbs. / day lbs. / day	1 1	COMP
Toluene	Sample Permit		0.04434 0.02494		0.04434 0.06591	lbs. / day lbs. / day	1 1	GRAB
Trichloroethylene	Sample Permit	<	0.00121 0.02316	<	0.00121 0.06146	lbs. / day lbs. / day	1 1	GRAB
Benzene	Sample Permit	<	0.00094 0.05077	<	0.00094 0.11935	lbs. / day lbs. / day	1	GRAB
Carbontetrachloride	Sample Permit	<	0.00081 0.12648	<	0.00081 0.33846	lbs. / day lbs. / day	1	GRAB
1,2,4 Trichlorobenzene	Sample Permit	<	0.01948 0.17457	<	0.01948 0.70721	lbs. / day lbs. / day	1. 1	COMP
Chlorobenzene	Sample Permit	<	0.00081 0.12648	<	0.00081 0.33846	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobenzene	Sample Permit	<	0.01478 0.17457	<	0.01478 0.70721	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethane	Sample Permit	<	0.00121 0.01960	<	0.00121 0.05255	lbs. / day lbs. / day	1 1	GRAB
1,1,2 Trichloroethane	Sample Permit	<	0.00215 0.02850	<	0.00215 0.11312	lbs. / day lbs. / day	1	GRAB
Chloroethane	Sample Permit	<	0.00188 0.09798	<	0.00188 0.26275	lbs. / day lbs. / day	1 1	COMP
Chloroform	Sample Permit		0.00564 0.09887		0.00564 0.28947	lbs. / day lbs. / day	1 1	GRAB

Vinyl Chloride	Sample	<	0.00148	<	0.00148	lbs. / day	1	GRAB
	Permit		0.08640		0.15320	lbs. / day	1	
Total cyanide	Sample	<	0.00672 <	<	0.00672	lbs. / day	1	GRAB
	Permit		0.37409		1.06882	lbs. / day	1	
Total lead - Not regulated per	Sample	<	0.00000	<	0.00000	lbs. / day	1	COMP
PVSC letter 1/31/95	Permit	1	Not Regulated	1	Not Regulat	lbs. / day	1	
Total zinc	Sample		0.05831		0.05831	lbs. / day	1	COMP
	Permit		0.93522		2.32469	lbs. / day	1	

Certification of Hon-use if optionals (use ditional sheets)	
Compliance or non compliance statement with compliance schedule (use	additional sheets
SUN CHEMICAL IS reporting Compliance WI PARAMETERS OF 40 CFR 4-14 SUBTARTITY FOR	ith all
PARAMETERS OF YOCFR 4-14 SUBTARTITY FOR	Toluena
Explain Method for preserving samples	*
SEE letter from General Testing L	ABS .
I certify under penalty of law that this document and all attachment under my direction or supervision in accordance with a system designed qualified personnel properly gather and evaniate the information submittinguity of the person or persons who manage the system, or those responsible for gathering the information, the information submitted is, knowledge and belief, true, accurate, and complete. I am aware significant penalties for submitting false information, including the poss imprisonment for knowing violations.	ed to assure that ted. Dased on my persons directly to the best of my that there are
403.6(a)(2)(li) revised by 53(i) it 40010, October 17. 1988  Signature of Principal Executive or Authorized Agent	
Dennis Morrison	
PLANT MANAGER Type Name und Tille	
10/19./95 Date	·

PYSC Form MR-1 Rev. 5 3/91 P2

November 8, 1995

SunChemical Corporation 185 Foundry Street Newark, NJ 07105

Passaic Valley Sewerage Commissioners 600 Wilson Avenue Newark, New Jersey 07105 ATTN: Industrial and Pollution

RE: MR-1 and MR-2 Reports for October 1995

Mr. D'Ascensio:

Enclosed please find an MR-1 and MR-2 report for the period covering October 1 through October 31, 1995 for the SunChemical Corporation facility located at the above address.

If you have any questions regarding this information, please contact me at your convenience at (201) 344-4879.

Very Truly Yours,

Denis Mossers

Dennis Morrison Plant Manager

cc: R. Sharkey

A. Shearer

## Monthly Water Calculation October 1995

# Water Meter Readings

Date	Meter 1(Ft3)	Meter 2(Ft3)	Met	er 3(gal)	
October 1	9755350	44865200	1328	3900	
October 31	9817540	45118300	1358	3300	
Difference	62190	253100	29	9400	
Total Gallons	= [Meter 1(Ft3) + Me	eter 2(Ft3)]. x 7.48	= 2	,358,369	gallons
Minus 5% Ev	aporation		=	117,918	gallons
Minus sanitary discharge = Meter 3(gal)				29,400	gallons
Total Regulated Flow				,211,051	gallons

Name	SUN CHEMICAL CORP	ORATION				
Address	185 FOUNDRY STREE	T NEWARK, NEW JERSEY 07105				
Facility Location 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105						
Outlet Designation (17 digits) 20401042-44100-201						
Monitoring		Volume Discharged this Period				
Start 10 01 1995	End 5 10 31 1	995 2,211,051 Gallons				

Date	BOD 0310	TSS 0530	Date	BOD 0310	TSS 0530	
		0000		00.10	0000	
10/04/95	4,740	205				
10/06/95	4,180	146				
10/12/95	19,400	131				
10/17/95	9,620	73				
10/24/95	2,510	55				

Signature of Principal or Authorized Agent	Type name and title	Telephone number and Date
	Dennis Morrison Plant Manager	201-344-4879
Den Molsen		Nov 02 1995

PVSC FORM MR-2 REV.2 1/86

Name	SUN CHEMICAL CORPORATION					
Address	185 FOUNDRY S	STREET NE	EWARK, NEW JERSEY 07105			
Facility Loc	ation	185 FOUNDRY STREET NEWARK, NEW JERSEY 07105				
Outlet Desi	gnation (17 digits)	)	20401041-44100-201			
Monitoring	Period		Volume Discharged this Period			
Start		End				
10 01 1995		10 31 1995	29,400 Gallons			

# Sanitary Discharge Only

Date	BOD	TSS	Date	BOD	TSS	
	0310	0530		0310	0530	
	NA	NA				

Signature of Principal or Authorized Agent	Type name and title	Telephone number and Date
Dennis Alersin	Dennis Morrison Plant Manager	201-344-4879
		Nov 02 1995

Name SU	U CHEMICAL				•	•		
Mailing Address	185 FOUNDR	YST	NewARK	N.J.	07105	5		
Facility Locat	ion 185 FOUND	ory ST	NewAR	elc Ni	5 0710	<u>-</u> )5		
Category & Su	obpart 40 CFR 414.	SUBPART	[-] Outlot	2040	2104-2-0	44100-02		
Category & Subpart 40 CFR 414 SUBPART H Outlet # 20401042-44100- Contact Official Denais Morrison Telephone # 201-344-4879								
Monitorin				eporting Pe		<u> </u>		
Mo Day Yr.	10. 31 95 Mo. Day Yr.		legulated flow otal Flow-gal	-gal/day /dny	71 324	MAX 78457		
l Start	te (it applicable)	70	TALINCOMA	1127 City	WATER-	-5% l'o C		
	to the application	DI	TALINCOMA PORTION -!	Number	of Days	werkers.		
1								
					!	,		
Parameter		Muss Limi Averago	Lor Concentr Maximum	ation Units	No. of Samples	Sample ty Comp./gra		
	Sample measurement Permit requirement							
	Sample mensurement Permit requirement							
	Sample measurement Permit regulrement							
	Sample measurement Permit regulrement							
	Sample measuremen Permit requirement	C						
	Sample measurement Permit requirement		•					
	Gample measurement Permit requirement	nt						
	Sample measurement Perintt regulrement							
	Bample measurement Permit requirement	it						

PVSC Form MR-1 Rev. 4 6/87 P1

See ATTACHED Note: No modifications have been made for the plot plan during this period

#### Sun Chemical 185 Foundry Street Newark, N.J. 07105 Permit # 20401042-44100-0201

#### Month of October 1995

			Average Permit Requirement		Average Actual Value	Maximum Permit Requirement	Maximum Actual Value	
Water Volume of period Working days Average Gallons / Day Million Gallons / Day		2	2,211,051 31 71,324 0.0713		2,211,051 31 71,324 0.0713	2,432,156 31 78,457 0.0785	78,457	
Parameter			Monthly Average		Daily <u>Maximum</u>	<u>Units</u>	# samples	sample <u>type</u>
1,2 Dichlorbenzene	Sample Permit	<	0.00833 0.17457	<	0.00833 0.70721	lbs. / day lbs. / day	1 1	COMP
1,3 Dichlorobenzene	Sample Permit	<	0.00892 0.12648	<	0.00892 0.33846	lbs. / day lbs. / day	1 1	COMP
1,4 Dichlorobenzene	Sample Permit	<	0.00773 0.12648	<	0.00773 0.33846	lbs. / day lbs. / day	1 1	СОМР
1,1 Dichloroethylene	,Sample Permit	<	0.00083 0.01960	<	0.00083 0.05344	lbs. / day lbs. / day	1 1	GRAB
1,2 trans-Dichloroethylene	Sample Permit	<	0.00065 0.02227	<	0.00065 0.05879	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloropropane	Sample Permit	<	0.00024 0.17457	<	0.00024 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,3 Dichloropropylene	Sample Permit	<	0.00048 0.17457	<	0.00048 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloroethane	Sample Permit	<	0.00048 0.16032	<	0.00048 0.51125	lbs. / day lbs. / day	1 1	GRAB
1,1,1 Trichloroethane	Sample Permit	<	0.00036 0.01960	<	0.00036 0.05255	lbs. / day lbs. / day	1 1	GRAB
Hexachloroethane	Sample Permit	<	0.00714 0.17457	<	0.00714 0.70721	lbs. / day lbs. / day	1 1	COMP
Methylene Chloride	Sample Permit		0.00040 0.03206		0.00040 0.15142	•	1	GRAB
Ethylbenzene	Sample Permit	<	0.00048 0.12648	<	0.00048 0.33846	•	1 1	GRAB

Methylchloride	Sample Permit		0.00071 0.09798		0.00071 0.26275	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobutadiene	Sample Permit	<	0.00565 0.12648	<	0.00565 0.33846	lbs. / day lbs. / day	1 1	COMP
Nitrobenzene	Sample Permit	<	0.00654 1.99247	<	0.00654 5.70218	lbs. / day lbs. / day	1 1	COMP
2-Nitrophenol	Sample Permit	<	0.00773 0.05789	<	0.00773 0.20575	lbs. / day lbs. / day	1 1 ·	COMP
4-Nitrophenol	Sample Permit	<	0.00565 0.14429	<	0.00565 0.51304	lbs. / day lbs. / day	1 1	COMP
4,6 Dinitro O-cresol	Sample Permit	<	0.00773 0.06947	<	0.00773 0.24672	lbs. / day lbs. / day	1 1	COMP
Tetrachloroethylene	Sample Permit	<	0.00065 0.04632	<	0.00065 0.14607	lbs. / day lbs. / day	1 1	COMP
Toluene	Sample Permit		0.00286 0.02494		0.00286 0.06591	lbs. / day lbs. / day	1 1	GRAB
Trichloroethylene	Sample Permit	<	0.00054 0.02316	<	0.00054 0.06146	lbs. / day lbs. / day	1 1	GRAB
Benzene	Sample Permit	<	0.00042 0.05077	<	0.00042 0.11935	lbs. / day lbs. / day	1	GRAB
Carbontetrachloride	'Sample Permit	<	0.00048 0.12648	<	0.00048 0.33846	lbs. / day lbs. / day	1 1	GRAB
1,2,4 Trichlorobenzene	Sample Permit	<	0.00892 0.17457	<	0.00892 0.70721	lbs. / day lbs. / day	1 1	COMP
Chlorobenzene	Sample Permit	<	0.00036 0.12648	<	0.00036 0.33846	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobenzene	Sample Permit	<	0.00654 0.17457	<	0.00654 0.70721	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethane	Sample Permit	<	0.00054 0.01960	<	0.00054 0.05255	lbs. / day lbs. / day	1 1	GRAB
1,1,2 Trichloroethane	Sample Permit	<	0.00095 0.02850	<	0.00095 0.11312	lbs. / day lbs. / day	1 1	GRAB
Chloroethane	Sample Permit	<	0.00083 0.09798	<	0.00083 0.26275	lbs. / day lbs. / day	.1 .1	COMP
Chloroform	Sample Permit		0.00452 0.09887		0.00452 0.28947	lbs. / day lbs. / day	1 1	GRAB

Vinyl Chloride	Sample Permit		.00065 .08640	<	0.00065 0.15320	lbs. / day lbs. / day	1 1	GRAB
Total cyanide	Sample Permit		0.00595 0.37409	<	0.00595 1.06882	lbs. / day lbs. / day	1	GRAB
Total lead - Not regulated per PVSC letter 1/31/95	Sample Permit		.00000 Regulated	< 1	0.00000 Not Regulat	lbs. / day lbs. / day	1 1	COMP
Total zinc	Sample Permit	_	0.14038 0.93522		0.14038 2.32469	lbs. / day lbs. / day	1 1	COMP

Certification of flon-use if applicable (use additional sheets)
Compliance or non compliance statement with compliance schedule (use additional sheet
SUN CHEMICAL IS reporting compliance with all PARAMETERS of YOCFR 414 SUBTRATE!
Explain Method for preserving samples
SEE letter from GENERAL TESTING LABO
I certify under penalty of law that this document and all attachments were prepare under my direction or supervision in accordance with a system designed to assure the qualified personnel properly gather and evadate the information submitted. Based on a inquiry of the person or persons who manage the system, or those persons direct responsible for gathering the information, the information submitted is, to the best of a knowledge and belief, true, accurate, and complete. I am aware that there a significant penalties for submitting false information, including the possibility of fine a imprisonment for knowing violations.
403.6(a)(2)(II) revised by 53 Fit 40610, October 17. 1988  Signature of Principal Executive or Authorized Agent
Dennis Morrison  PLANT MANAGER  Type Name and Title
November 9, 1995

PVSC Form MR-1 Rev. 5 3/91 P2

# **SunChemical**

Pigments Division

Sun Chemical Corporation 185 Foundry Street Newark NJ 07105 201 344 4879 201 344 6875 Fax



December 14, 1995

Passaic Valley Sewerage Commissioners

600 Wilson Avenue

Newark, New Jersey 07105 ATTN: Industrial and Pollution

RE: MR-1 and MR-2 Reports for November 1995

Mr. D'Ascensio:

Enclosed please find an MR-1 and MR-2 report for the period covering November 1 through November 30, 1995 for the SunChemical Corporation facility located at the above address.

If you have any questions regarding this information, please contact me at your convenience at (201) 344-4879.

Very Truly Yours,

Dennis Morrison Plant Manager

cc:

R. Sharkey

A. Shearer

Name	SUN CHEMICAL CORPORATION					
Address	185 FOUNDRY	STREET NE	WARK, NEW JERSEY 07105			
Facility Location 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105						
Outlet Des	ignation (17 digit	s)	20401041-44100-201			
Monitoring	Period		Volume Discharged this Period			
Start		End				
11 01 199	5	11 30 1995	24,100 Gallons			

# Sanitary Discharge Only

Date	BOD	TSS	Date	BOD	TSS	
	0310	0530		0310	0530	
	NA	NA				
-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-						

Signature of Principal	Type name and title	Telephone number _.		
or Authorized Agent,		and Date		
Chain flerin	Dennis Morrison Plant Manager	201-344-4879		
/- /-		Dec 13 1995		

PVSC FORM MR-2 REV.2 1/86

Name	SUN CHEMICAL CORPORATION						
Address	185 FOUNE	ORY STREET NEWA	RK, NEW JERSEY 07105				
Facility Location 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105							
Outlet Des	ignation (17 d	digits) 204	01042-44100-201				
Monitoring	Period		Volume Discharged this Period				
Start 11 01 1995		End 11 30 1995	2,229,852 Gallons				
11011990	J	11 30 1993	2,223,032 GallOllS				

Date	BOD 0310	TSS 0530	Date	BOD 0310	TSS 0530	
11/01/95	8,900	360				
11/08/95	13,400	490				
11/09/95	2,510	52				
11/15/95	3,090	40				
11/27/95	530	165				

Signature of Principal or Authorized Agent	Type name and title	Telephone number . and Date
1/32.00	Dennis Morrison Plant Manager	201-344-4879
lever flower		Dec 13 1995

PVSC FORM MR-2 REV.2 1/86

## Monthly Water Calculation November 1995

## Water Meter Readings

<u>Date</u>	Meter 1(Ft3)	Meter 2(Ft3)	Mete	er 3(gal)	
November 1	9817540	45118300	1358	3300	
November 30	9869570	45383460	1382	2400	
Difference	52030	265160	24	100	
Total Gallons	= [Meter 1(Ft3) + Me	ter 2(Ft3)]. x 7.48	= 2,	372,581	gallons
Minus 5% Eva	aporation		=	118,629	gallons
Minus sanitary	y discharge = Meter 3(	gal)	=	24,100	gallons
Total Regulat	ed Flow		= 2,	,229,852	gallons

Name OU	NCHEMICAL	_				•
Mailing Addre	tion 185 FOUND	YST /	NewARK	N.J.	0710.5	<u> </u>
Facility Loca	tion 185 FOUND	RY ST	NewAK	ic Ni	J 0710	25
Category & S	ubpart 40 CFR 414.	SUBPART	H Outlet	204	0104-2-4	- <u>-</u> 14160-02
	cal Dennis Moi					
Monitori	ng Period		-	eporting P	eriod AVG	MAX 10.20
1 1 1	Mo. Day Yr.	T A	'otal Flow-gal, lethod wed	/dny 9)	838	108 143
Start	ite (if applicable)	<u> </u>	TALINCOMA PORNTION -!	ing City	Discharge	5% for
***************************************		131	ornen 134	NOMPET	•1 0/193	zorrice is:
Parameter		Mass Limi Averago	Lor Concentr Maximum	ation Units	No. of Samples	Sample ty Comp./gra
	Bample measurement Permit regulrement				14	
	Sample measurement Permit requirement		•	,		
	Sample measurement Permit regulrement		,			
	Sample measuremen Permit regulrement	1				_
	Sample measuremen Permit requirement	t				
	Sample measurement Permit regulrement		•			
	Sample measurement Permit regulrement	it				
	Sample measurement Permit requirement					
	Sample measurement Permit requirement	nt				

PVSC Form MR-1 Rev. 4 6/87 P1

See ATTACHED Note: No modifications have been made, to the plot plan during this period

#### Sun Chemical 185 Foundry Street Newark, N.J. 07105 Permit # 20401042-44100-0201

#### Month of November 1995

		F	Average Permit Requirement		Average Actual Value	Maximum Permit Requirement	Maximum Actual Value	
Water Volume of period Working days Average Gallons / Day Million Gallons / Day		2	2,229,852 24 92,911 0.0929		2,229,852 24 92,911 0.0929	2,452,837 24 102,202 0.1022	102,202	• •
Parameter			Monthly <u>Average</u>		Daily <u>Maximum</u>	<u>Units</u>	# samples	sample <u>type</u>
1,2 Dichlorbenzene	Sample Permit	<	0.02170 0.17457	<	0.02170 0.70721	lbs. / day lbs. / day	1 1	COMP
1,3 Dichlorobenzene	Sample Permit	<	0.02325 0.12648	<	0.02325 0.33846	lbs. / day lbs. / day	1	СОМР
1,4 Dichlorobenzene	Sample Permit	<	0.02015 0.12648	<	0.02015 0.33846	lbs. / day lbs. / day	1 1	СОМР
1,1 Dichloroethylene	.Sample Permit	<	0.00542 0.01960	<	0.00542 0.05344	lbs. / day lbs. / day	1 1	GRAB
1,2 trans-Dichloroethylene	Sample Permit	<	0.00426 0.02227	<	0.00426 0.05879	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloropropane	Sample Permit	<	0.00155 0.17457	<	0.00155 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,3 Dichloropropylene	Sample Permit	<	0.00310 0.17457	<	0.00310 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloroethane	Sample Permit	<	0.00310 0.16032	<	0.00310 0.51125	lbs. / day lbs. / day	1 1	GRAB
1,1,1 Trichloroethane	Sample Permit	<	0.00232 0.01960	<	0.00232 0.05255	lbs. / day lbs. / day	1 1	GRAB
Hexachloroethane	Sample Permit	<	0.01782 0.17457	<	0.01782 0.70721	lbs. / day lbs. / day	1 1	COMP
Methylene Chloride	Sample Permit		0.00155 0.03206		0.00155 0.15142	lbs. / day lbs. / day	1 1	GRAB
Ethylbenzene	Sample Permit	<	0.00310 0.12648	<	0.00310 0.33846		1 1	GRAB

Methylchloride	Sample Permit	<	0.00465 0.09798		0.00465 0.26275	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobutadiene	Sample Permit	<	0.01472 0.12648	<	0.01472 0.33846	lbs. / day lbs. / day	1 1	СОМР
Nitrobenzene	Sample Permit	<	0.01627 1.99247	<	0.01627 5.70218	lbs. / day lbs. / day	1 1	COMP
2-Nitrophenol	Sample Permit	<	0.02015 0.05789	<	0.02015 0.20575	lbs. / day lbs. / day	1 1	COMP
4-Nitrophenol	Sample Permit	<	0.01472 0.14429	<	0.01472 0.51304	lbs. / day lbs. / day	1 1	COMP
4,6 Dinitro O-cresol	Sample Permit	<	0.02015 0.06947	<	0.02015 0.24672	lbs. / day lbs. / day	1 1	COMP
Tetrachloroethylene	Sample Permit	<	0.00426 0.04632	<	0.00426 0.14607	lbs. / day lbs. / day	1 1	COMP
Toluene	Sample Permit	<	0.00349 0.02494		0.00349 0.06591	lbs. / day lbs. / day	1 1	GRAB
Trichloroethylene	·Sample Permit	<	0.00349 0.02316	<	0.00349 0.06146	lbs. / day lbs. / day	1 1	GRAB
Benzene	Sample Permit	<	0.00271 0.05077	<	0.00271 0.11935	lbs. / day lbs. / day	1 1	GRAB
Carbontetrachloride	-Sample Permit	<	0.00232 0.12648	<	0.00232 0.33846	lbs. / day lbs. / day	1	GRAB
1,2,4 Trichlorobenzene	Sample Permit	<	0.02247 0.17457	<	0.02247 0.70721	lbs. / day lbs. / day	1 1	COMP
Chlorobenzene	Sample Permit		0.00434 0.12648		0.00434 0.33846	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobenzene	Sample Permit	<	0.01705 0.17457	<	0.01705 0.70721	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethane	Sample Permit	<	0.00349 0.01960	<	0.00349 0.05255	lbs. / day lbs. / day	7	GRAB
1,1,2 Trichloroethane	Sample Permit	<	0.00620 0.02850	<	0.00620 0.11312	lbs. / day lbs. / day	1 1	GRAB
Chloroethane	Sample Permit	<	0.00542 0.09798	<	0.00542 0.26275	lbs. / day lbs. / day	.1 .1	COMP
Chloroform	Sample Permit		0.00496 0.09887		0.00496 0.28947	lbs. / day lbs. / day	1	GRAB

Vinyl Chloride	Sample	< 0.00426	< 0.00426	lbs. / day	1	GRAB
	Permit	0.08640	0.15320	lbs. / day	1	
Total cyanide	Sample	< 0.00775	< 0.00775	lbs. / day	1	GRAB
	Permit	0.37409	1.06882	lbs. / day	1	
Total lead - Not regulated per	Sample	< 0.00000	< 0.00000	lbs. / day	1	СОМР
PVSC letter 1/31/95	Permit	Not Regulated	Not Regulat	lbs. / day	1	
Total zinc	Sample	0.19759	0.19759	lbs. / day	1	СОМР
	Permit	0.93522	2.32469	lbs. / day	1	

Jertification of Hon-use if ap	plienble (use addi	tional sheets)		
1º/ Pt				• •
Compliance or non complianc	e statement with	compliance schedu	le (uso udditio	nal sheets
if necessary) for every param	eter used.	•		,
SUN CHEMICAL, PARAMETERS OF	s reporting	Compliance	e with	all
PARAMETERS OF	40 CFR 414	SUBFACT 14.		
		•		
Explain Method for preserving	g samples	1		
SEE leller	(°2- (°)	and T. T	1005	
OFF Teller	TROM GEN	JEPAC TESTA	NO CHOS	
I certify under penalty of under my direction or supe qualified personnel properly inquiry of the person or presponsible for gathering the knowledge and belief, trusignificant penalties for subimprisonment for knowing valuations (a)(2)(ii) revised by 53	rvision in accordence gather and evantage persons who man e information, the e, accurate, and mitting false informations.  FR 40010, October Signature of the state of the sta	ance with a systemate the information age the system, or information submit complete. I amortalism are 17. 1988  Of Principal	i designed to a submitted. Ib r those persoi itted is, to the i aware that	ssure that used on my us directly best of my there are
	Dennis 1	Morrison		
· · ·	Type Nan	T MANAGO	FR S	

PVSC Form MR-1 Rev. 5 3/91 P2

**SunChemical** 

PVSC Similaries Division
PVSC Similaries Division
185 Foundry Street
Newark NJ 07105
201 344 4879
201 344 6875 Fax

February 2, 1996

Passaic Valley Sewerage Commissioners 600 Wilson Avenue Newark, New Jersey 07105 ATTN: Industrial and Pollution

RE: MR-1 Report for December 1995

Mr. D'Ascensio:

Enclosed please find an MR-1 report for the period covering December 1 through December 31, 1995 for the SunChemical Corporation facility located at the above address.

If you have any questions regarding this information, please contact me at your convenience at (201) 344-4879.

Very Truly Yours,

Dennis Morrison Plant Manager

CC:

R. Sharkey

A. Shearer

#### Monthly Water Calculation December 1995

## Water Meter Readings

Date	Meter 1(Ft3) Meter 2(Ft3)		Meter 3(gal)		
December 1	9869570 45383460			2400	
December 31	9921290	45621910	1408	3900	
Difference	nce 51720 238450		26	500	
Total Gallons	= [Meter 1(Ft3) + Me	ter 2(Ft3)]. x 7.48	= 2,	170,471	gallons
Minus 5% Ev	aporation		_	108,524	gallons
Minus sanitary	y discharge = Meter 3(	gal)	=	26,500	gallons
Total Regulat	ed Flow		= 2,	035,447	gallons

Name SU	N CHEMICAL	_				
Mailing Addre	185 FOUNDR	YST	NewARK	N.J.	07105	5
Pacility Local	tion 185 FOUND	RY ST.	NewAK	ic Ni	J 0710	<u>-</u> 25
Category & St	ubpart 40 CFR 414.	SUBFART	1-1 Outlet	.204	01042-9	<u> </u>
	eal Dennis Moi					
<del></del>		113016	-			7 /
12 1 95	Mo. Dny Yr.	r.	egulated flow otal Flow-gal telbod used		% <del>726</del> 3356	
Production ra	ite (if applicable)	EVA	TALINCOME PORATION - S UIDEN BY	ANTACY	Discharge	<u> </u>
		<u>Di</u>	Ulben Br	Numper	of Days	wickers.
}	-		<del></del>		<u> </u>	<del></del>
Parameter		Mass_Limi Average	<u>t or Concentr</u> Maximum	<u>ation</u> Units	No. of Samples	Sample typ Comp./gra
	Sample measurement Permit regulrement					-
	Sample measurement l'érialt réquirement		,			
	Sample measurement Permit regulrement		,		_	
	Sample measurement Perintt regulrement					
	Sample measuremen Permit requirement	· ·				
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	Permit requirement					

PVSC Form MR-1 Rev. 4 6/87 P1

See ATTACHED Note: No modifications have been made fo the plot plan during this period

#### Sun Chemical 185 Foundry Street Newark, N.J. 07105 Permit # 20401042-44100-0201

#### Month of December 1995

		•		Average Actual Value	Maximum Permit Requirement	Maximum Actual Value		
Water Volume of period Working days Average Gallons / Day Million Gallons / Day		2	2,035,447 21 96,926 0.0969	:	2,035,447 21 96,926 0.0969	2,238,992 21 106,619 0.1066		ı
Parameter			Monthly Average		Daily <u>Maximum</u>	<u>Units</u>	# samples	sample. type
1,2 Dichlorbenzene	Sample Permit	<	0.02263 0.17457	<	0.02263 0.70721	lbs. / day lbs. / day	1 1	COMP
1,3 Dichlorobenzene	Sample Permit	<	0.02425 0.12648	<	0.02425 0.33846	lbs. / day lbs. / day	1 1	COMP
1,4 Dichlorobenzene	Sample Permit	<	0.02102 0.12648	<	0.02102 0.33846	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethylene	. Sample Permit	<	0.00113 0.01960	<	0.00113 0.05344	lbs. / day lbs. / day	1 1	GRAB
1,2 trans-Dichloroethylene	Sample Permit	<	0.00089 0.02227	<	0.00089 0.05879	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloropropane	Sample Permit	<	0.00032 0.17457	<	0.00032 0.70721	lbs. / day lbs. / day	1	GRAB
1,3 Dichloropropylene	Sample Permit	<	0.00057 0.17457	<	0.00057 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloroethane	Sample Permit	<	0.00065 0.16032	<	0.00065 0.51125	lbs. / day lbs. / day	1 1	GRAB
1,1,1 Trichloroethane	Sample Permit	<	0.00049 0.01960	<	0.00049 0.05255	lbs. / day lbs. / day	1 1	GRAB
Hexachloroethane	Sample Permit	<	0.01859 0.17457	<	0.01859 0.70721	lbs. / day lbs. / day	1 1	COMP
Methylene Chloride	Sample Permit	<	0.00032 0.03206	<	0.00032 0.15142	•	1 1	GRAB
Ethylbenzene	Sample Permit	<	0.00065 0.12648	<	0.00065 0.33846		1 1	GRAB

Methylchloride	Sample Permit		0.00655 0.09798		0.00655 0.26275	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobutadiene	Sample Permit	<	0.01536 0.12648	<	0.01536 0.33846	lbs. / day lbs. / day	1 1	COMP
Nitrobenzene	Sample Permit	<	0.01698 1.99247	<	0.01698 5.70218	lbs. / day lbs. / day	1 1	COMP
2-Nitrophenol	Sample Permit	<	0.02102 0.05789	<	0.02102 0.20575	lbs. / day lbs. / day	1 1	СОМР
4-Nitrophenol	Sample Permit	<	0.01536 0.14429	<	0.01536 0.51304	lbs. / day lbs. / day	1 1	COMP
4,6 Dinitro O-cresol	* Sample Permit	<	0.02102 0.06947	<	0.02102 0.24672	lbs. / day lbs. / day	1 1	COMP
Tetrachloroethylene	Sample Permit	<	0.00089 0.04632	<	0.00089 0.14607	lbs. / day lbs. / day	1 1	COMP.
Toluene	Sample Permit		0.00089 0.02494		0.00089 0.06591	lbs. / day lbs. / day	1 1	GRAB
Trichloroethylene	Sample Permit	<	0.00073 0.02316	<	0.00073 0.06146	lbs. / day lbs. / day	1 1	GRAB
Benzene	Sample Permit	<	0.00057 0.05077	<	0.00057 0.11935	lbs. / day lbs. / day	1	GRAB
Carbontetrachloride	-Sample Permit	<	0.00049 0.12648	<	0.00049 0.33846	lbs. / day lbs. / day	1 1	GRAB
1,2,4 Trichlorobenzene	Sample Permit	<	0.02344 0.17457	<	0.02344 0.70721	lbs. / day lbs. / day	1 1	СОМР
Chlorobenzene	Sample Permit		0.00154 0.12648		0.00154 0.33846	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobenzene	Sample Permit	<	0.01778 0.17457	<	0.01778 0.70721	lbs. / day lbs. / day	1 1	СОМР
1,1 Dichloroethane	Sample Permit	<	0.00073 0.01960	<	0.00073 0.05255	lbs. / day lbs. / day	1 1	GRAB
1,1,2 Trichloroethane	Sample Permit	<	0.00129 0.02850	<	0.00129 0.11312	lbs. / day . lbs. / day	1 1	GRAB
Chloroethane	Sample Permit		0.00129 0.09798		0.00129 0.26275	lbs. / day lbs. / day	.1 .1	COMP
Chloroform	Sample Permit		0.00194 0.09887		0.00194 0.28947	lbs. / day lbs. / day	1 1	GRAB

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Compliance or non ec	ompliance statement w	rith complia	nce schedule (	use additio	nnl sheats
if necessary) for ever	ry parameter used.				
SUN CHEMIC	cal is report	ina Chini	10/10000	with	äll
PARAMETERS	of 40 CFR 4	LIY SUB	CACT 11.		<u> </u>
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under my direction qualified personnel inquiry of the per responsible for gutt knowledge and be	nalty of law that this or supervision in according the information, lief, true, accurate, as for submitting fulse mowing violations.	ordance wit mulate the in number the , the informa and comple	h a system do nformation subsystem, or t system, or t ition submitte ite. I am a	osigned to a bmitted. Ba hose person d is, to the tware that	ssure thansed on my is directly best of my there are
403.6(a)(2)(ii) revise	ed by <b>53 FR 40610,</b> Oc	,	0 U		•
•	Denny M	/ 22.			
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•	Signatu	ire of Principor Authorized	•		
	Signatu Executive o	ire of Princi or Authorize	•		

PYSC Form MR-1 Rev. 5 3/91 P2

**Pigments Division** Sun Chemical Corporation 185 Foundry Street Newark NJ 07105 201 344 4879 201 344 6875 Fax

February 5, 1996

Passaic Valley Sewerage Commissioners 600 Wilson Avenue Newark, New Jersey 07105 ATTN: Industrial and Pollution

RE: MR-1 and Mr-2 Reports for January 1996

Mr. D'Ascensio:

Enclosed please find an MR-1 and MR-2 reports for the period covering January 1 through January 31, 1996 for the SunChemical Corporation facility located at the above address.

If you have any questions regarding this information, please contact me at your convenience at (201) 344-4879.

Very Truly Yours,

Dennis Morrison
Plant Manager

J/20/86

Plant Manager

R. Sharkey CC:

A. Shearer

## Monthly Water Calculation January 1996

## Water Meter Readings

<u>Date</u>	Meter 1(Ft3) Meter 2(Ft3)		Met	er 3(gal)		
January 1	9921290 45621910		1408900			
January 31	9975620	45875047	142	7357		
Difference	ifference 54330 253137		18	3457		
Total Gallons = [Meter 1(Ft3) + Meter 2(Ft3)]. $\times$ 7.48 = 2,299,853						
Minus 5% Ev	raporation		-	114,993	gallons	
Minus sanitar	y discharge = Meter	=	18,457	gallons		
Total Regulat	ted Flow	= 2	,166,403	gallons		

Name	SUN CHEMICA	L CORPOR	ATION						
Address	185 FOUNDRY STREET NEWARK, NEW JERSEY 07105								
Facility Location 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105									
Outlet Des	Outlet Designation (17 digits) 20401041-44100-201								
Monitoring Period Volume Discharged this Period									
Start		End							
1 01 1996		1 31 1996	18,457 Gallons						

## Sanitary Discharge Only

Date	BOD	TSS	Date	BOD	TSS	
	0310	0530		0310	0530	
	NA	NA				

Signature of Principal	Type name and title	Telephone number
or Authorized Agent		and Date
Desir Messin	Dennis Morrison Plant Manager	201-344-4879
The state of the s		Feb 20 1996

Name	SUN CHEMICA	L CORPORA	NOITA			
Address	185 FOUNDRY	STREET NE	EWARK, N	NEW JERSI	EY 07105	
Facility Loc	ation	185 FOUND	RY STRE	ET NEWAF	RK, NEW JEI	RSEY 07105
Outlet Desi	gnation (17 digits	3)	20401042	!-44100-20 ₁	1	
Monitoring Start 1 01 1996	Period	End 1 31 1996			Discharged th	is Period
Date	BOD 0310	TSS 0530	Date	BOD 0310	TSS 0530	
01/10/96	3,620	488				
01/18/96	2,070	188				
01/25/96	1,660	79				
		-				

Signature of Principal	Type name and title	Telephone number
or Authorized Agent		and Date
1/2:	Dennis Morrison Plant Manager	201-344-4879
Demo (MAVIC)		Feb 20 1996

Name_>U	N CHEMICAL	<i>_</i> .				•
Mailing Addre	185 FOUNDA	2781	NewARK	N.J.	0710:	5
Facility Loca	tion 185 FOUND	ory ST	NewAr	elc Ni	5 0710	25
Category & S	ubpart 40CFR 414.	SUBPART	- (-/ Outlet	u 204	0104-2-0	<del></del> 44100-020
	cal Dennis Mon					
Monitori Mo Day Yr.	ng Period	11 1		leporting F v-gal/day_ l/day_76	Period AVG 72213	MAX 79435 84338
Parameter		Mass_Limi Averago	t or Concenty Maximum	ation Units	No. of	Sample typ Comp./gra
	Sample measurement  Sample measurement  Permit requirement  Sample measurement  Permit requirement  Sample measurement  Permit requirement  Sample measurement  Sample measurement  Permit requirement					
	Sample measurement Sample measurement Permit requirement Sample measurement Permit requirement	nt				

PVSC Form MR-1 Rev. 4 6/87 P1

See ATTACHED Note: No modifications have been made, to the plot plan during this period

#### Sun Chemical 185 Foundry Street Newark, N.J. 07105 Permit # 20401042-44100-0201

#### Month of October 1995

		ŀ	Average Permit Requirement		Average Actual Value	Maximum Permit Requirement	Maximum Actual Value	
Water Volume of period Working days Average Gallons / Day Million Gallons / Day		:	2,166,403 30 72,213 0.0722	:	2,166,403 30 72,213 0.0722	2,383,043 30 79,435 0.0794	79,435	)
Parameter			Monthly <u>Average</u>		Daily <u>Maximum</u>	<u>Units</u>	# samples	sample type
1,2 Dichlorbenzene	Sample Permit	<	0.01867 0.17457	<	0.01867 0.70721	lbs. / day lbs. / day	1 1	COMP
1,3 Dichlorobenzene	Sample Permit	<	0.01987 0.12648	<	0.01987 0.33846	lbs. / day lbs. / day	1 1	COMP
1,4 Dichlorobenzene	Sample Permit	<	0.01747 0.12648	<	0.01747 0.33846	lbs. / day lbs. / day	1 1	СОМР
1,1 Dichloroethylene	.Sample Permit	<	0.00084 0.01960	<	0.00084 0.05344	lbs. / day lbs. / day	1 1	GRAB
1,2 trans-Dichloroethylene	Sample Permit	<	0.00066 0.02227	<	0.00066 0.05879	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloropropane	Sample Permit	<	0.00024 0.17457	<	0.00024 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,3 Dichloropropylene	Sample Permit	<	0.00048 0.17457	<	0.00048 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloroethane	Sample Permit	<	0.00048 0.16032	<	0.00048 0.51125	lbs. / day lbs. / day	1 1	GRAB
1,1,1 Trichloroethane	Sample Permit	<	0.00036 0.01960	<	0.00036 0.05255	lbs. / day lbs. / day	1 1	GRAB
Hexachloroethane	Sample Permit	<	0.01566 0.17457	<	0.01566 0.70721	lbs. / day lbs. / day	1 1	COMP
Methylene Chloride	Sample Permit		0.00084 0.03206		0.00084 0.15142		1 1	GRAB
Ethylbenzene	Sample Permit		0.00193 0.12648		0.00193 0.33846	•	1 1	GRAB

Methylchloride	Sample Permit	<	0.00072 0.09798	<	0.00072 0.26275	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobutadiene	Sample Permit	<	0.01265 0.12648	<	0.01265 0.33846	lbs. / day lbs. / day	1 1	COMP
Nitrobenzene	Sample Permit	<	0.01385 1.99247	<	0.01385 5.70218	lbs. / day lbs. / day	1 1	COMP
2-Nitrophenol	Sample Permit	<	0.01747 0.05789	<	0.01747 0.20575	lbs. / day lbs. / day	1 1	COMP
4-Nitrophenol	Sample Permit		0.01566 0.14429		0.01566 0.51304	lbs. / day lbs. / day	1 1	COMP
4,6 Dinitra O-cresal	Sample Permit	<	0.01747 0.06947	<	0.01747 0.24672	lbs. / day lbs. / day	1 1	COMP
Tetrachloroethylene	Sample Permit	<	0.00066 0.04632	<	0.00066 0.14607	lbs. / day lbs. / day	1 1	COMP
Toluene	Sample Permit		0.00277 0.02494		0.00277 0.06591	lbs. / day lbs. / day	1 1	GRAB
Trichloroethylene	Sample Permit	<	0.00054 0.02316	<	0.00054 0.06146	lbs. / day lbs. / day	1 1	GRAB
Benzene	Sample Permit	<	0.00042 0.05077	<	0.00042 0.11935	lbs. / day lbs. / day	1 1	GRAB
Carbontetrachloride	.Sample Permit	<	0.00048 0.12648	<	0.00048 0.33846	lbs. / day lbs. / day	1 1	GRAB
1,2,4 Trichlorobenzene	Sample Permit	<	0.01927 0.17457	<	0.01927 0.70721	lbs. / day lbs. / day	1 1	COMP
Chlorobenzene	Sample Permit		0.00090 0.12648		0.00090 0.33846	lbs. / day lbs. / day	1 · 1	GRAB
Hexachlorobenzene	Sample Permit	<	0.01445 0.17457	<	0.01445 0.70721	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethane	Sample Permit	<	0.00054 0.01960	<	0.00054 0.05255	lbs. / day lbs. / day	1 1	GRAB
1,1,2 Trichloroethane	Sample Permit	<	0.00096 0.02850	<	0.00096 0.11312	lbs. / day lbs. / day	1 1	GRAB
Chloroethane	Sample Permit	<	0.00090 0.09798	<	0.00090 0.26275	lbs. / day lbs. / day	1	COMP
Chloroform	Sample Permit		0.00355 0.09887		0.00355 0.28947	lbs. / day lbs. / day	1 1	GRAB

Vinyl Chloride	Sample	<	0.00066	<	0.00066	lbs. / day	1	GRAB
	Permit		0.08640		0.15320	lbs. / day	1	
Total cyanide	Sample	<	0.00602	<	0.00602	lbs. / day	1	GRAB
	Permit		0.37409		1.06882	lbs. / day	1	
Total lead - Not regulated per	Sample	<	0.00000	<	0.00000	lbs. / day	1	COMP
PVSC letter 1/31/95	Permit	1	Not Regulated		Not Regulat	lbs. / day	1	
Total zinc	Sample		0.04138		0.04138	lbs. / day	1	COMP
	Permit		0.93522		2.32469	lbs. / day	1	

Sertification of Hon-use	il applienble (use a	(Iditional sheets)		
17/14		-		:
		•		
Compliance or non comp	liance statement wi	ith compliance s	chedule (use ac	Juitional sheets
if necessary) for every p	arameter used.			
SUN CHEMICAL PARAMETERS &	- 18 reportion	ng Comple	ance wi	th all
PARAMETERS'	1- 40 CFR 4-	14 SUBFACT	/1' 	
Explain Method for pres	anylive no will an			
Explain method for pres	erving samples	وروس منظم من منزومات آن الأسان والمنا ما الاسان المناس المناس		1.
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I certify under penalty under my direction or qualified personnel propinguity of the person responsible for gatheric knowledge and belief significant penalties for imprisonment for knowledge 403.6(a)(2)(ii) revised by	supervision in accoperly gather and evaluation or persons who may the information, true, accurate, as submitting false in the violations.	ordance with a symilate the information systems the systems of the systems of the information and complete. Include the complete of the comple	ystem designed ation submitte an, or those g submitted is, t -1 am aware	d to assure that ed. Dased on my persons directly o the best of my that there are
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PVSC Form MR-1 Rov. 5 3/91 P2

**SunChemical** 

**Pigments Division** 

Sun Chemical Corporation 185 Foundry Street Newark NJ 07105 201 344 4879 201 344 6875 Fax

March 21, 1996

Passaic Valley Sewerage Commissioners 600 Wilson Avenue Newark, New Jersey 07105 ATTN: Industrial and Pollution

RE: MR-1 and MR-2 Report for February 1996

Mr. D'Ascensio:

Enclosed please find an MR-1 and MR-2 report for the period covering February 1 through February 29, 1996 for the SunChemical Corporation facility located at the above address. In the MR-1 report, we are reporting non-compliance for the monthly average and daily maximum limits for toluene.

If you have any questions regarding this information, please contact me at your convenience at (201) 344-4879.

Very Truly Yours,

Dennis Morrison Plant Manager

CC:

R. Sharkey

A. Shearer

I Wisdow

### Monthly Water Calculation February 1996

## Water Meter Readings

<u>Date</u>	Meter 1(Ft3)	Meter 2(Ft3)	Met	er 3(gal)	
February 1	9975620	45875047	1423	7357	
February 29	0034300	46237330	1448	3200	
Difference	58680	362283	20	843	
Total Gallons	= [Meter 1(Ft3) + Me	eter 2(Ft3)]. x 7.48	= 3,	,148,803	gallons
Minus 5% Ev	aporation		=	157,440	gallons
Minus sanitary discharge = Meter 3(gal)			=	20,843	gallons
Total Regulat	ed Flow		= 2	,970,520	gallons

Name	SUN CHEMICAL	_ CORPOR	ATION				
Address185 FOUNDRY STREET NEWARK, NEW JERSEY 07105							
Facility Location 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105							
Outlet Des	ignation (17 digits	)	20401041-44100-201				
Monitoring Period Volume Discharged this Period							
Start		End					
2 01 1996		2 29 1996	20,843 Gallons				

## Sanitary Discharge Only

Date	BOD	TSS	Date	BOD	TSS	
	0310	0530		0310	0530	
	NA	NA				
	IVA	. INA				
-						
*						

Signature of Principal or Authorized Agent	Type name and title	Telephone number _ and Date
Denis Morrison	Dennis Morrison Plant Manager	201-344-4879
		Mar 19 1996

SUN CHEMICA	L CORPOR	ATION					
185 FOUNDRY	STREET N	EWARK, NEW JERSEY 07105					
Facility Location 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105							
Outlet Designation (17 digits) 20401042-44100-201							
Period		Volume Discharged this Period					
	End 2 20 1006	2,970,520 Gallons					
	185 FOUNDRY ation gnation (17 digits	ation 185 FOUNI gnation (17 digits) Period					

Date	BOD 0310	TSS 0530	Date	BOD 0310	TSS 0530	
02/01/96	5,800	75				
02/08/96	13,600	313				
02/14/96	6,710	32				
02/22/96	11,600	78				
02/27/96	12,000	. 71				

Signature of Principal or Authorized Agent	Type name and title	Telephone number . and Date
× . //	Dennis Morrison Plant Manager	201-344-4879
Danis Morrison		Mar 19 1996

Name SU	N CHEMICAL					•
Mailing Addre	185 FOUNDR	YST	NewARK	N.J.	07105	5
Facility Locat	ion 185 FOUND	RY ST	NewAr	ek N.	J 0710	5
Category & St	abpart 40 CFR 414.	SUBPART	- /-/ Outlet	u 204	10104-2-0	 44100-020
	eal Dennis Moi					
<del></del>	ig Period			leporting l		
11/96	229 96	11	legulated flov	y-gal/day_	102 432	MAX 112, 12
Mo Day Yr.	90 Jay 96 Mo. Day Yr.	<u> </u>	otal Flow-gal lethod used	1/dny /09	8, \$79	119,438
Production	te (if applicable)	70	TAL INCOM	UN CIT	Y WATER-	5%16
rioduction in	ite (it applicable)	EVA Di	TALINCOMI PORNTION - WINEN BY	Number	r of Drys	werked.
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Parameter			Lor Concenti		_No. of	Sample typ
		Average	Maximum	Units	Samples	Comp./graf
	Sample measurement Permit requirement				नार <del>ज्याचारामात्राच क्ट</del> स	
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PVSC Form MR-1 Rev. 4 6/87 P1

See ATTACHED Note: No modifications have been made, to the plot plan during this period

#### Sun Chemical 185 Foundry Street Newark, N.J. 07105 Permit # 20401042-44100-0201

#### Month of February 1995

			Average Permit Requirement		Average Actual Value	Maximum Permit Requirement	Maximum Actual Value	
Water Volume of period Working days Average Gallons / Day Million Gallons / Day		2	2,970,520 29 102,432 0.1024		2,970,520 29 102,432 0.1024	3,267,572 29 112,675 0.1127	112,675	
<u>Parameter</u>			Monthly <u>Average</u>		Daily <u>Maximum</u>	<u>Units</u>	# samples	sample <u>type</u>
1,2 Dichlorbenzene	Sample Permit	<	0.02392 0.17457	<	0.02392 0.70721	lbs. / day lbs. / day	1 1	COMP
1,3 Dichlorobenzene	Sample Permit	<	0.02563 0.12648	<	0.02563 0.33846	lbs. / day lbs. / day	1 1	СОМР
1,4 Dichlorobenzene	Sample Permit	<	0.02221 0.12648	<	0.02221 0.33846	lbs. / day lbs. / day	1	СОМР
1,1 Dichloroethylene	. Sample Permit	<	0.02392 0.01960	<	0.02392 0.05344	lbs. / day lbs. / day	1 1	GRAB
1,2 trans-Dichloroethylene	Sample Permit	<	0.01879 0.02227	<	0.01879 0.05879	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloropropane	Sample Permit	<	0.00683 0.17457	<	0.00683 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,3 Dichloropropylene	Sample Permit	<	0.01367 0.17457	<	0.01367 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloroethane	Sample Permit	<	0.01367 0.16032	<	0.01367 0.51125	lbs. / day lbs. / day	1 1	GRAB
1,1,1 Trichloroethane	Sample Permit	<	0.01025 0.01960	<	0.01025 0.05255	lbs. / day lbs. / day	1 1	GRAB
Hexachloroethane	Sample Permit	<	0.01965 0.17457	<	0.01965 0.70721	lbs. / day lbs. / day	1 1	COMP
Methylene Chloride	Sample Permit	<	0.00683 0.03206	<	0.00683 0.15142	lbs. / day lbs. / day	1 1	GRAB
Ethylbenzene	Sample Permit	<	0.01367 0.12648	<	0.01367 0.33846	lbs. / day lbs. / day	1 1	GRAB

Methylchloride	Sample Permit	<	0.02050 0.09798	<	0.02050 0.26275	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobutadiene	Sample Permit	<	0.01623 0.12648	<	0.01623 0.33846	lbs. / day lbs. / day	1 1	COMP
Nitrobenzene	Sample Permit		0.02990 1.99247		0.02990 5.70218	lbs. / day lbs. / day	1 1	COMP
2-Nitrophenol	Sample Permit	<	0.02221 0.05789	<	0.02221 0.20575	lbs. / day lbs. / day	1 1	COMP .
4-Nitrophenol	Sample Permit	<	0.01623 0.14429	<	0.01623 0.51304	lbs. / day lbs. / day	1 1	COMP
4,6 Dinitro O-cresol	Sample Permit	<	0.02221 0.06947	<	0.02221 0.24672	lbs. / day lbs. / day	1	COMP
Tetrachloroethylene	Sample Permit	<	0.01879 0.04632	<	0.01879 0.14607	lbs. / day lbs. / day	1 1	COMP
Toluene	Sample Permit		0.07432 0.02494		0.07432 0.06591	lbs. / day lbs. / day	1 1	GRAB
Trichloroethylene	Sample Permit	<	0.01538 0.02316	<	0.01538 0.06146	lbs. / day lbs. / day	1 1	GRAB
Benzene	Sample Permit	<	0.01196 0.05077	<	0.01196 0.11935	lbs. / day lbs. / day	1 1	GRAB
Carbontetrachloride	⁻ Sample Permit	<	0.00051 0.12648	<	0.00051 0.33846	lbs. / day lbs. / day	1 1	GRAB
1,2,4 Trichlorobenzene	Sample Permit	<	0.02477 0.17457	<	0.02477 0.70721	lbs. / day lbs. / day	1 1	COMP
Chlorobenzene	Sample Permit	<	0.01025 0.12648	<	0.01025 0.33846	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobenzene	Sample Permit	<	0.01879 0.17457	<	0.01879 0.70721	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethane	Sample Permit	<	0.01538 0.01960	<	0.01538 0.05255	lbs. / day lbs. / day	1 1	GRAB
1,1,2 Trichloroethane	Sample Permit	<	0.02734 0.02850	<	0.02734 0.11312	lbs. / day lbs. / day	1 1	GRAB
Chloroethane	Sample Permit	<	0.02392 0.09798	<	0.02392 0.26275	lbs. / day lbs. / day	.1 .1	COMP
Chloroform	Sample Permit	<	0.01196 0.09887	<	0.01196 0.28947	lbs. / day lbs. / day	1 1	GRAB

Vinyl Chloride	Sample Permit	< 0.01879 0.08640	< 0.01879 0.15320	lbs. / day lbs. / day	1	GRAB
	remm	0.08040	0.15520	ibs. / day	,	
Total cyanide	Sample	< 0.00854	< 0.00854	lbs. / day	1	GRAB
	Permit	0.37409	1.06882	lbs. / day	1	
Total lead - Not regulated per	Sample	< 0.00000	< 0.00000	lbs. / day	1	COMP
PVSC letter 1/31/95	Permit	Not Regulated	Not Regulat	lbs. / day	1	
Total zinc	Sample	0.27935	0.27935	lbs. / day	1	СОМР
	Permit	0.93522	2.32469	lbs. / day	1	

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compliance or non con	ipliance statement y	rith compliance sel	iedule (use add	itional sheet
( necessary) for every	parameter used.	•		,
SUN CHEMICA	16 15 report	ing complia	nce with	n all
PARAMETERS	of YOCFRY	-14 SUBFACTI	1. TOLVER	J& 15
SUN CHEMICA PARAMETERS REPORTED AGOV	E THE DAILY	MAXIMUIN A	NA MONTH	7 AVERA
<i>LIMITS</i> . Explain Method for pro		•		
	soci ving admptes			13
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under my direction o	r supervision in acc	ordance with a sys	tem designed t	o assure th
I certify under penal under my direction of qualified personnel prinquiry of the personesible for gather knowledge and belief significant penalties imprisonment for knowledge.	r supervision in acc operly gather and ev n or persons who i ring the information, ef, true, accurate, for submitting false	ordance with a sys aniate the informa namage the system the information su and complete. I	tem designed t tion submitted. 1, or those per bmitted is, to t am aware ti	o assure the Based on'n rsons direct the best of n act there a
under my direction of qualified personnel prinquiry of the personsible for gather knowledge and believes and the significant penalties.	r supervision in accoperly gather and even or persons who in the information, if, true, accurate, for submitting false wing violations.	ordance with a sys antate the informa name the system the information su and complete. I information, includ	tem designed t tion submitted. 1, or those per bmitted is, to t am aware ti	o assure the Based on'n rsons direct the best of n act there a
under my direction of qualified personnel prinquiry of the person responsible for gather knowledge and belief significant penalties imprisonment for knowledge.	r supervision in accoperly gather and even or persons who is ling the information, of, true, accurate, for submitting false wing violations.  by 53 FR 40610, Occording to the submitting false wing violations.	ordance with a sys antate the informa name the system the information su and complete. I information, includ	tem designed ton submitted.  i, or those perbuitted is, to the americal aware the possibited in the possibility in	o assure the Based on'n rsons direct the best of n act there a
under my direction of qualified personnel prinquiry of the person responsible for gather knowledge and belief significant penalties imprisonment for knowledge.	r supervision in accoperly gather and even or persons who reing the information, of, true, accurate, for submitting false wing violations.  by 53 FR 40610, Occoping Executive of the entity of the en	ordance with a sysnulate the information system the information sund complete. It information, include tober 17. 1988  Morrison  Morrison  Morrison	tem designed ton submitted.  I, or those perbuitted is, to be an aware the possibility the possibility the possibility.	o assure the Based on'm rsons direct the best of m act there w
inquiry of the perso responsible for gather knowledge and belic significant penalties imprisonment for knowledge	r supervision in accoperly gather and even or persons who is ling the information, of, true, accurate, for submitting false wing violations.  by 53 FR 40610, Occomply Signature of the Executive	ordance with a sysmulate the information and the system the information sund complete. It information, includated for 17. 1988  The of Principal of Authorized Agents	tem designed ton submitted.  I, or those perbuitted is, to be an aware the possibility the possibility the possibility.	o assure the Based on'm rsons direct the best of m act there w

PVSC Porm MR-1 Rev. 5 3/91 P2

# **SunChemical**

Pigments Division Sun Chemical Corporation 185 Foundry Street Newark NJ 07105 201 344 4879

201 344 6875 Fax

COPY

April 19, 1996

Passaic Valley Sewerage Commissioners 600 Wilson Avenue Newark, New Jersey 07105 ATTN: Industrial and Pollution

RE: MR-1 and MR-2 Report for March 1996

Mr. D'Ascensio:

Enclosed please find an MR-1 and MR-2 report for the period covering March 1 through March 31, 1996 for the SunChemical Corporation facility located at the above address.

If you have any questions regarding this information, please contact me at your convenience at (201) 344-4879.

Very Truly Yours,

Plant Ma

R. Sharkey

CC:

A. Shearer

J. Wiedow

### Monthly Water Calculation March 1996

## Water Meter Readings

<u>Date</u>	Meter 1(Ft3)	Meter 2(Ft3)	Met	er 3(gal)	
March 1	0034300	46237330	1448	3200	
March 31	0093350	46649470	1474	<b>1</b> 700	
Difference	59050	412140	26	500	
Total Gallons	= [Meter 1(Ft3) + Me	eter 2(Ft3)]. x 7.48	= 3	,524,501	gallons
Minus 5% Ev	raporation		=	176,225	gallons
Minus sanitary discharge = Meter 3(gal)				26,500	gallons
Total Regulat	ted Flow		= 3	,321,77,6	gallons

Name	SUN CHEMICAL CORPOR	ATION
Address	185 FOUNDRY STREET N	EWARK, NEW JERSEY 07105
Facility Lo	cation 185 FOUN	DRY STREET NEWARK, NEW JERSEY 07105
Outlet Des	signation (17 digits)	20401042-44100-201
Monitoring	Period	Volume Discharged this Period
Start	End	votamo Disensi god timo i sinoc
3 01 1996	3 31 1996	1,679,546 Gallons

71		
89		
27		
1,110		
	1,110	

Signature of Principal or Authorized Agent	Type name and title	Telephone number . and Date
1/4.	Dennis Morrison Plant Manager	201-344-4879
Menn Merrisa		April 17 1996

Name	SUN CHEMICA	AL CORPOR	ATION				
Address	185 FOUNDRY	' STREET N	EWARK, NEW JERSEY 07105				
Facility Location 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105							
Outlet Designation (17 digits) 20401041-44100-201							
Monitoring Period Volume Discharged this Period							
Start		End					
3 01 1996		3 31 1996	13,600 Gallons				

## Sanitary Discharge Only

Date	BOD	TSS	Date	BOD	TSS	
	0310	0530		0310	0530	
	NA	NA				

Signature of Principal or Authorized Agent	Type name and title	Telephone number and Date
Con's Marrin	Dennis Morrison Plant Manager	201-344-4879
		April 17 1996

Name	N CHEMICAL	_				•
Mailing Addre	185 FOUNDA	24 81	NewARK	N.J.	07103	5
Facility Loca	tion 185 FOUNT	ory ST	NewAr	elc N.	J 0710	5
Category & S	ubpart 40CFR 414.	SUBPART	/-/ Outle	204	0104-2-0	<u> </u>
Contact Offic	eul Dennis Mo.	rison	Telepho	ne de	1-344-4	LF 79
<del></del>	ng Period		· · · · · · · · · · · · · · · · · · ·	leporting I		
Mo Day Yr.	6 3. 31 96 Mo. Day Yr.	N.	egulated flow otal Flow-gal	r-gal/day //day//	ΛVG [07,154] 3,694	MAX 117.869 125.063
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See ATTACheD Note: No modifications have been made,

#### Sun Chemical 185 Foundry Street Newark, N.J. 07105 Permit # 20401042-44100-0201

#### Month of March 1995

			Average Permit Requirement		Average Actual Value	Maximum Permit Requirement	Maximum Actual Value	
Water Volume of period Working days			3,321,776 31		3,321,776 31	31	3,653,954 31	
Average Gallons / Day Million Gallons / Day			107,154 0.1072		107,154 0.1072	117,869 0.1179		
<u>Parameter</u>	ī		Monthly <u>Average</u>		Daily <u>Maximum</u>	<u>Units</u>	# samples	sample <u>type</u>
1,2 Dichlorbenzene	Sample Permit	<	0.13405 0.17457	<	0.13405 0.70721	lbs. / day lbs. / day	1 1	COMP
1,3 Dichlorobenzene	Sample Permit	<	0.14299 0.12648	<	0.14299 0.33846	lbs. / day lbs. / day	1 1	COMP
1,4 Dichlorobenzene	Sample Permit	<	0.12511 0.12648	<	0.12511 0.33846	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethylene	·Sample Permit	<	0.00626 0.01960	<	0.00626 0.05344	lbs. / day lbs. / day	1 1	GRAB
1,2 trans-Dichloroethylene	Sample Permit	<	0.00492 0.02227	<	0.00492 0.05879	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloropropane	Sample Permit	<	0.00179 0.17457	<	0.00179 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,3 Dichloropropylene	Sample Permit	<	0.00357 0.17457	<	0.00357 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloroethane	Sample Permit	<	0.00357 0.16032	<	0.00357 0.51125	lbs. / day lbs. / day	1 1	GRAB
1,1,1 Trichloroethane	Sample Permit	<	0.00268 0.01960	<	0.00268 0.05255	lbs. / day lbs. / day	1 1	GRAB
Hexachloroethane	Sample Permit	<	0.10724 0.17457	<	0.10724 0.70721	lbs. / day lbs. / day	.1 .1	СОМР
Methylene Chloride	Sample Permit	<	0.00179 0.03206	<	0.00179 0.15142		1 1	GRAB
Ethylbenzene	Sample Permit	<	0.00357 0.12648	<	0.00357 0.33846	•	1 1	GRAB

Methylchloride	Sample Permit	<	0.00536 0.09798	<	0.00536 0.26275	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobutadiene	Sample Permit	<	0.08937 0.12648	<	0.08937 0.33846	lbs. / day lbs. / day	1 1	COMP
Nitrobenzene	Sample Permit	<	0.09830 1.99247	<	0.09830 5.70218	lbs. / day lbs. / day	1 1	COMP
2-Nitrophenol	Sample Permit	<	0.12511 0.05789	<	0.12511 0.20575	lbs. / day lbs. / day	1 1	COMP
4-Nitrophenol	Sample Permit	<	0.08937 0.14429	<	0.08937 0.51304	lbs. / day lbs. / day	1 1	COMP
4,6 Dinitro O-cresol	Sample Permit	<	0.12511 0.06947	<	0.12511 0.24672	lbs. / day lbs. / day	1 1	COMP
Tetrachloroethylene	Sample Permit	<	0.00492 0.04632	<	0.00492 0.14607	lbs. / day lbs. / day	1 1	COMP
Toluene	Sample Permit	<	0.00402 0.02494	<	0.00402 0.06591	lbs. / day lbs. / day	1 1	GRAB
Trichloroethylene	Sample Permit	<	0.00402 0.02316	<	0.00402 0.06146	lbs. / day lbs. / day	1 1	GRAB
Benzene	Sample Permit	<	0.00313 0.05077	<	0.00313 0.11935	lbs. / day lbs. / day	1 1	GRAB
Carbontetrachloride	-Sample Permit	<	0.00268 0.12648	<	0.00268 0.33846	lbs. / day lbs. / day	1 1	GRAB
1,2,4 Trichlorobenzene	Sample Permit	<	0.13405 0.17457	<	0.13405 0.70721	lbs. / day lbs. / day	1 1	СОМР
Chlorobenzene	Sample Permit	<	0.00268 0.12648	<	0.00268 0.33846	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobenzene	Sample Permit	<	0.10724 0.17457	<	0.10724 0.70721	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethane	Sample Permit	<	0.00402 0.01960	<	0.00402 0.05255	lbs. / day lbs. / day	1 1	GRAB
1,1,2 Trichloroethane	Sample Permit	<	0.00715 0.02850	<	0.00715 0.11312	lbs. / day lbs. / day	1 1	GRAB
Chloroethane	Sample Permit	<	0.00626 0.09798	<	0.00626 0.26275	lbs. / day	1	COMP
Chloroform	Sample Permit		0.00536 0.09887		0.00536 0.28947	lbs. / day lbs. / day	1 1	GRAB

Vinyl Chloride	Sample Permit	<	0.00492 0.08640	<	0.00492 0.15320	lbs. / day lbs. / day	1 1	GRAB
Total cyanide	Sample	<	0.00894	<	0.00894	lbs. / dav	1	GRAB
Total dyalliad	Permit		0.37409		1.06882	lbs. / day	1	
Total lead - Not regulated per	Sample	< .	0.00000	< .	0.00000	lbs. / day	1	COMP
PVSC letter 1/31/95	Permit	,	Not Regulated		Not Regulat	lbs. / day	ı	
Total zinc	Sample		0.24755		0.24755	lbs. / day	1	COMP
	Permit		0.93522		2.32469	lbs. / day	1	

Jertification of Hon-use if ap	plicable (use addit	ional sheets)	:
Compliance or non compliance	e statement with a	compliance schedule	e (use additional sheets
SUN CHEMICAL I	eter used. S reporting	Compliance	with all
PARAMETERS OF	40 CFR 414	SUBTACT 1+	
Explain Method for preserving	ng samples	,	1
SEE letter	fron Gen	ie ral Testin	g LABO.
I certify under penalty of under my direction or supe qualified personnel property inquiry of the person or presponsible for gathering the knowledge and belief, trustgalficant penalties for sublimprisonment for knowing value.	rvision in accorda gather and evanta persons who manue information, the entiting false informations.  Fit 40610, Octobe  Signature of Augustive or Augustive or Augustive services.	nce with a system te the information s tge the system, or information submit complete. I am mation, including the Trincipal otherized Agent	designed to assure that automitted. Based on my those persons directly ted is, to the best of my aware that there are no possibility of fine and
	PLAN Type Nam	TONTISON TONAGE	<u>R</u>

PVSC Form MIL-1 Rev. 5 3/91 P2

# **SunChemical**

Pigments Division
Sun Chemical Corporation
185 Foundry Street
Newark NJ 07105
201 344 4879
201 344 6875 Fax

May 20, 199

Passaic Valley Sewerage Commissioners 600 Wilson Avenue Newark, New Jersey 07105 ATTN: Industrial and Pollution

RE: MR-1 and MR-2 Report for April 1996

Mr. D'Ascensio:

Enclosed please find an MR-1 and MR-2 report for the period covering April 1 through April 30, 1996 for the SunChemical Corporation facility located at the above address.

If you have any questions regarding this information, please contact me at your convenience at (201) 344-4879.

Very Truly Yours,

Dennis Morrison Plant Manager

CC:

R. Sharkey

A. Shearer

J. Wiedow

## Monthly Water Calculation April 1996

## Water Meter Readings

<u>Date</u>	Meter 1(Ft3)	Meter 2(Ft3)	Mete	er 3(gal)		
April 1	0093350	46649470	1474	1474700		
April 30	0139420	46885000	1497	7100		
Difference	46070	235530	22	400		
Total Gallon	as = [Meter 1(Ft3) +	= 2,	,106,368	gallons		
Minus 5% E	vaporation	=	105,318	gallons		
Minus sanita	ary discharge = Mete	=	22,400	gallons		
Total Regula	ated Flow	= 1	,978,650	gallons		

Name	SUN CHEMICAL CORPORATION							
Address	185 FOUNDRY STREET NEWARK, NEW JERSEY 07105							
Facility Location 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105								
Outlet Des	ignation (17 digits)	20401042-44100-201						
Monitoring Period Volume Discharged this Period								
Start	End							
4 01 1996	4 30 1996	1,978,650 Gallons						

Date	BOD 0310	TSS 0530	Date	BOD 0310	TSS 0530	
04/02/96	7,900	114				
04/09/96	3,480	90				
04/10/96	3,600	117				
04/16/96	7,740	102				
04/17/96	10,400	775				
04/25/96	4,890	155				
	1					

Signature of Principal or Authorized Agent	Type name and title	Telephone number and Date
Denis Monin	Dennis Morrison Plant Manager	201-344-4879
soms jugitime		May 21 1996

#### **USER CHARGE SELF MONITORING REPORT**

Name	SUN CHEMICAL CORPOR	RATION						
Address	185 FOUNDRY STREET NEWARK, NEW JERSEY 07105							
Facility Location 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105								
Outlet Designation (17 digits) 20401041-44100-201								
Monitoring	Monitoring Period Volume Discharged this Period							
Start	End							
4 01 1996	4 30 1996	22,400 Gallons						

# Sanitary Discharge Only

Date	BOD	TSS	Date	BOD	TSS	
	0310	0530		0310	0530	
	NA	NA				
	i					
			1			
·	1					
					-	

Signature of Principal or Authorized Agent	Type name and title	Telephone number and Date
Duns Klossin	Dennis Morrison ح Plant Manager	201-344-4879
		May 21 1996

Name	NCHEMICAL			•
Mailing Addre	185 FOUNDRY ST NEWARK Lion 185 FOUNDRY ST. NewA	< N.J.	0710:	<u> </u>
Facility Local	tion 185 FOUNDRY ST. News	ric N.	J 0710	5
Category & Si	ubpart 40 CFR 414 SUBPART H OUL	cu 204	0104-2-6	<del></del> 74100-020
	cal Dennis Morrison Teleph			
<del>, :</del>		Reporting I		
Mo Day Yr.	Mo. Day Yr.  End  Total Flow-g.  Method wed  Total rivor  End  Total rivor  End  Total rivor  Evaporation  Dividen By	ow-gal/day , al/day <u>72</u>	(Β, <del>229</del> , 633	
	DIUIDEN BY	NUMBER	r of Days	werkers.
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Parameter	Mass Limit or Concent Average Maximum		llo. of Samples	Sample typ Comp./gra
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DVSC Norm	MR-1 Rev. 4.6/87 P1			

See ATTACheD Note: No modifications have been made,

#### Sun Chemical 185 Foundry Street Newark, N.J. 07105 Permit # 20401042-44100-0201

#### Month of April 1996

			Average Permit Requirement		Average Actual Value	Maximum Permit Requirement	Maximum Actual Value	
Water Volume of period Working days Average Gallons / Day Million Gallons / Day		1	1,978,650 29 68,229 0.0682		1,978,650 29 68,229 0.0682	2,176,515 29 75,052 0.0751	75,052	l
Parameter			Monthly <u>Average</u>		Daily <u>Maximum</u>	<u>Units</u>	# samples	sample type
1,2 Dichlorbenzene	Sample Permit	<	0.01593 0.17457	<	0.01593 0.70721	lbs. / day lbs. / day	1 1	COMP
1,3 Dichlorobenzene	Sample Permit	<	0.01707 0.12648	<	0.01707 0.33846	lbs. / day lbs. / day	1 1	COMP
1,4 Dichlorobenzene	Sample Permit	<	0.01479 0.12648	<	0.01479 0.33846	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethylene	Sample Permit	<	0.01593 0.01960	<	0.01593 0.05344	lbs. / day lbs. / day	1 1	GRAB
1,2 trans-Dichloroethylene	Sample Permit	<	0.01252 0.02227	<	0.01252 0.05879	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloropropane	Sample Permit	<	0.00455 0.17457	<	0.00455 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,3 Dichloropropylene	Sample Permit	<	0.00910 0.17457	<	0.00910 0.70721	lbs. / day lbs. / day	1	GRAB
1,2 Dichloroethane	Sample Permit	<	0.00910 0.16032	<	0.00910 0.51125	•	1 1	GRAB
1,1,1 Trichloroethane	Sample Permit	<	0.00683 0.01960	<	0.00683 0.05255		1 1	GRAB
Hexachloroethane	Sample Permit	<	0.01309 0.17457	<	0.01309 0.70721	lbs. / day lbs. / day	1 1	COMP
Methylene Chloride	Sample Permit	<	0.00455 0.03206	<	0.00455 0.15142	•	1	GRAB
Ethylbenzene	Sample Permit	<	0.00910 0.12648	<	0.00910 0.33846		1 1	GRAB

Methylchloride	Sample Permit	<	0.01366 0.09798	<	0.01366 0.26275	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobutadiene	Sample Permit	<	0.01081 0.12648	<	0.01081 0.33846	lbs. / day lbs. / day	1 1	СОМР
Nitrobenzene	Sample Permit	<	0.01195 1.99247	<	0.01195 5.70218	lbs. / day lbs. / day	1 1	COMP
2-Nitrophenol	Sample Permit	<	0.01479 0.05789	<	0.01479 0.20575	lbs. / day lbs. / day	1 1	COMP
4-Nitrophenol	Sample Permit	<	0.01081 0.14429	<	0.01081 0.51304	lbs. / day lbs. / day	1 1	COMP
4,6 Dinitro O-cresol	Sample Permit	<	0.01479 0.06947	<	0.01479 0.24672	lbs. / day lbs. / day	1 1	COMP
Tetrachloroethylene	Sample Permit	<	0.01252 0.04632	<	0.01252 0.14607	lbs. / day lbs. / day	1 1	COMP
Toluene	Sample Permit	<	0.01024 0.02494	<	0.01024 0.06591	lbs. / day lbs. / day	1 1	GRAB
Trichloroethylene	Sample Permit	<	0.01024 0.02316	<	0.01024 0.06146	lbs. / day lbs. / day	1	GRAB
Benzen <b>e</b>	Sample Permit	<	0.00797 0.05077	<	0.00797 0.11935	lbs. / day lbs. / day	1 1	GRAB
Carbontetrachloride	Sample Permit	<	0.00683 0.12648	<	0.00683 0.33846	lbs. / day lbs. / day	1 1	GRAB
1,2,4 Trichlorobenzene	Sample Permit	<	0.01650 0.17457	<	0.01650 0.70721	lbs. / day lbs. / day	1 1	COMP
Chlorobenzene	Sample Permit	<	0.00683 0.12648	<	0.00683 0.33846	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobenzene	Sample Permit	<	0.01252 0.17457	<	0.01252 0.70721	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethane	Sample Permit	<	0.01024 0.01960	<	0.01024 0.05255	lbs. / day lbs. / day	1 1	GRAB
1,1,2 Trichloroethane	Sample Permit	<	0.01821 0.02850	<	0.01821 0.11312	lbs. / day lbs. / day	1 1	GRAB
Chloroethane	Sample Permit	<	0.01593 0.09798	<	0.01593 0.26275	lbs. / day lbs. / day	1 1	СОМР
Chloroform	Sample Permit	<	0.00797 0.09887	<	0.00797 0.28947	lbs. / day lbs. / day	1 1	GRAB

Vinyl Chloride	Sample	<	0.01252	<	0.01252	lbs. / day	1	GRAB
	Permit		0.08640		0.15320	lbs. / day	1	
Total cyanide	Sample	<	0.00569	<	0.00569	lbs. / day	1	GRAB
	Permit		0.37409		1.06882	lbs. / day	1	
Total lead - Not regulated per	Sample	<	0.00000	<	0.00000	lbs. / day	1	COMP
PVSC letter 1/31/95	Permit	1	Not Regulated		Not Regulat	lbs. / day	1	
Total zinc	Sample		0.15364		0.15364	lbs. / day	1	COMP
	Permit		0.93522		2.32469	lbs. / day	1	

Compliance or non compliance statement with compliance schedule (use addit	ional sheets
SUN CHEMICAL IS reporting Compliance with PARAMETERS OF 40 CFR 4-14 SUBTACTION.	all
Explain Method for preserving samples	1 .
SEE letter from General TESTING LAB	<u> </u>
I certify under penalty of law that this document and all attachments we under my direction or supervision in accordance with a system designed to qualified personnel properly gather and evanuate the information submitted, inquiry of the person or persons who manage the system, or those per responsible for gathering the information, the information submitted is, to the knowledge and belief, true, accurate, and complete. I am aware the significant penalties for submitting false information, including the possibility imprisonment for knowing violations.	o assure tha Based on my sous directly he best of my at there ar
403.6(a)(2)(ii) revised by 53 FR 40610, October 17. 1988  Signature of Principal Executive or Authorized Agent	•

PVSC Form MR-1 Rev. 5 3/91 P2

# **SunChemical**

Pigments Division
Sun Chemical Corporation
185 Foundry Street
Newark NJ 07105
201 344 4879
201 344 6875 Fax

July 3, 1996

Passaic Valley Sewerage Commissioners 600 Wilson Avenue Newark, New Jersey 07105 ATTN: Industrial and Pollution

RE: MR-1 Report for May 1996

Mr. D'Ascensio:

Enclosed please find an MR-1 report for the period covering May 1 through May 31, 1996 for the SunChemical Corporation facility located at the above address.

If you have any questions regarding this information, please contact me at your convenience at (201) 344-4879.

Very Truly Yours,

/Im Wiedow

Environmental Manager

cc:

D. Morrison w/o encl.

R. Sharkey w/ encl.

A. Shearer w/o encl.

## Monthly Water Calculation May 1996

## Water Meter Readings

<u>Date</u>	Meter 1(Ft3)	Meter 2(Ft3)	Mete	er 3(gal)	
May 1 May 31	0139420 0192520	46885000 47180870	1497 1524		
Difference	53100	295870	27	100	
Total Gallons	= [Meter 1(Ft3) + Me	ter 2(Ft3)]. x 7.48	= 2,	610,296	gallons
Minus 5% Ev	aporation		=	130,515	gallons
Minus sanitar	y discharge = Meter 3(	gal)	=	27,100	gallons
Total Regulat	ed Flow		= 2,	452,681	gallons

Name SU	NCHEMICAL	-				
Malling Addre	ss 185 FOUNDR	YST /	Vewark	N.J.	07105	<u> </u>
Facility Locat	ion 185 FOUND	RY ST	NewAK	ic Ni	5 0710	5
Category & St	abpart 40 CFR 414 S	BUBPART	(-/ Outlet	204	01042-4	<u></u> 44100-020
	eal Dennis Mor					
T	ıg Period		For R	eporting P	eriod	
Mo Day Yr.	Mo. Day Yr.  End  Te (if applicable)	-7 <u>0</u>	egulated flow otal Flow-gal lethod wed TAL INCOMM PORTION - UI UEB BY	r-gal/day /day AZ /W-1 City	81,756 010 WATER-	5% lo (
Parameter		Mass Limi Average	t or Concentr Maximum	units Units	No. of Samples	Sample type Comp./gral
	Sample measurement Permit requirement					
	Sample measurement Permit requirement		T			
	Sample measurement Permit requirement					
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	Sample measurement Permit requirement					
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	Sample measurement Permit requirement					
PYSC Form	MR-1 Rev. 4 6/87 P1				843710	)189

See ATTACHED

NOTE: No modifications have been made,
for the plot plan during this period

#### Sun Chemical 185 Foundry Street Newark, N.J. 07105 Permit # 20401042-44100-0201

#### Month of May 1996

			Average Water Value		Maximum Water Value			
Water Volume of period Working days Average Gallons / Day Million Gallons / Day		2	2,452,681 30 81,756 0.0818		2,697,949 30 89,932 0.0899			
<u>Parameter</u>			Monthly <u>Average</u>		Daily <u>Maximum</u>	<u>Units</u>	# samples	sample type
1,2 Dichlorbenzene	Sample Permit	<	0.02046 0.17457	<	0.02250 0.70721	lbs. / day lbs. / day	1 1	СОМР
1,3 Dichlorobenzene	Sample Permit	<	0.02182 0.12648	<	0.02400 0.33846	lbs. / day lbs. / day	1 1	COMP
1,4 Dichlorobenzene	Sample Permit	<	0.01909 0.12648	<	0.02100 0.33846	lbs. / day lbs. / day	1 1	СОМР
1,1 Dichloroethylene	Sample Permit	<	0.09546 0.01960	<	0.10500 0.05344	lbs. / day lbs. / day	1 1	GRAB
1,2 trans-Dichloroethylene	Sample Permit	<	0.07500 0.02227	<	0.08250 0.05879	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloropropane	Sample Permit	<	0.02727 0.17457	<	0.03000 0.70721	ibs. / day lbs. / day	1 1	GRAB
1,3 Dichloropropylene	Sample Permit	<	0.05455 0.17457	<	0.06000 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloroethane	Sample Permit	<	0.05455 0.16032	<	0.06000 0.51125	lbs. / day lbs. / day	1 1	GRAB
1,1,1 Trichloroethane	Sample Permit	<	0.04091 0.01960	<	0.04500 0.05255	lbs. / day lbs. / day	1 1	GRAB
Hexachloroethane	Sample Permit	<	0.01636 0.17457	<	0.01800 0.70721	lbs. / day lbs. / day	1 1	COMP
Methylene Chloride	Sample Permit	<	0.02727 0.03206	<	0.03000 0.15142	lbs. / day lbs. / day	1 1	GRAB
Ethylbenzene	Sample Permit	<	0.05455 0.12648	<	0.06000 0.33846	lbs. / day lbs. / day	1 1	GRAB

Methylchloride	Sample Permit	<	0.08182 0.09798	<	0.09000 0.26275	ibs. / day lbs. / day	1 1	GRAB
Hexachlorobutadiene	Sample Permit	<	0.01364 0.12648	<	0.01500 0.33846	lbs. / day lbs. / day	1 1	COMP
Nitrobenzene	Sample Permit	<	0.01500 1.99247	<	0.01650 5.70218	lbs. / day lbs. / day	1 1	COMP
2-Nitrophenol	Sample Permit	<	0.01909 0.05789	<	0.02100 0.20575	lbs. / day lbs. / day	1 1	COMP
4-Nitrophenol	Sample Permit	<	0.02591 0.14429	<	0.02850 0.51304	lbs. / day lbs. / day	1 1	COMP
4,6 Dinitro O-cresol	Sample Permit	<	0.01909 0.06947	<	0.02100 0.24672	lbs. / day lbs. / day	1 1	COMP
Tetrachloroethylene	Sample Permit	<	0.07500 0.04632	<	0.08250 0.14607	lbs. / day lbs. / day	1 1	COMP
Toluene	Sample Permit	<	0.06137 0.02494	<	0.06750 0.06591	lbs. / day lbs. / day	1 1	GRAB
Trichloroethylene	Sample Permit	<	0.06137 0.02316	<	0.06750 0.06146	lbs. / day lbs. / day	1 1	GRAB
Benzene	Sample Permit	<	0.04773 0.05077	<	0.05250 0.11935	lbs. / day lbs. / day	1 1	GRAB
Carbontetrachloride	Sample Permit	<	0.04091 0.12648	<	0.04500 0.33846	lbs. / day lbs. / day	1	GRAB
1,2,4 Trichlorobenzene	Sample Permit	<	0.02114 0.17457	<	0.02325 0.70721	lbs. / day lbs. / day	1 1	COMP
Chlorobenzene	Sample Permit	<	0.04091 0.12648	<	0.04500 0.33846	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobenzene	Sample Permit	<	0.01568 0.17457	<	0.01725 0.70721	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethane	Sample Permit	<	0.06137 0.01960	<	0.06750 0.05255	lbs. / day lbs. / day	1 1	GRAB
1,1,2 Trichloroethane	Sample Permit	<	0.10910 0.02850	<	0.12000 0.11312	lbs. / day lbs. / day	1 1	GRAB
Chloroethane	Sample Permit	<	0.09546 0.09798	<	0.10500 0.26275	lbs. / day lbs. / day	1 1	COMP
Chloroform	Sample Permit	<	0.04773 0.09887	<	0.05250 0.28947	lbs. / day lbs. / day	1 1	GRAB

Vinyl Chloride	Sample Permit	<	0.07500 0.08640	<	0.08250 0.15320	lbs. / day lbs. / day	1 1	GRAB
Total cyanide	Sample Permit	<	0.00682 0.37409	<	0.00750 1.06882	lbs. / day lbs. / day	1 1	GRAB
Total lead - Not regulated per PVSC letter 1/31/95	Sample Permit	< 1	0.00000 Not Regulated	> 1 b	0.00000 Not Regulat	lbs. / day lbs. / day	1 1	COMP
Total zinc	Sample Permit		0.21069 0.93522		0.23176 2.32469	lbs. / day lbs. / day	1 1	COMP
Acenaphthene	Sample Permit	<	0.01841 0.01692	<	0.02025 0.04186	lbs. / day lbs. / day	1 1	COMP
Anthracene	Sample Permit	<	0.01568 0.01692	<	0.01725 0.04186	lbs. / day lbs. / day	1	COMP
Bis (2-Ethylhexyl) phthalate	Sample Permit		0.03818 0.08462		0.04200 0.22980	lbs. / day lbs. / day	1 1	COMP
Di-n-butyl phthalate	Sample Permit	<	0.01500 0.01781	<	0.01650 0.03830	lbs. / day lbs. / day	1 1	COMP
Diethyl phthalate	Sample Permit	<	0.01909 0.04097	<	0.02100 0.10065	lbs. / day lbs. / day	1 1	COMP
Dimethyl phthalate	Sample Permit	<	0.01909 0.01692	<	0.02100 0.04186	lbs. / day lbs. / day	1 1	СОМР
Fluoranthene	Sample Permit	<	0.01296 0.01960	<	0.01425 0.04810	lbs. / day lbs. / day	1 1	СОМР
Fluorene	Sample Permit	<	0.02046 0.01692	<	0.02250 0.04186	lbs. / day lbs. / day	1 1	ÇOMP
Naphthalene	Sample Permit	<	0.01636 0.01692	<	0.01800 0.04186	lbs. / day lbs. / day	1 1	COMP
Phenanthrene	Sample Permit	<	0.01500 0.01692	<	0.01650 0.04186	lbs. / day lbs. / day	1 1	COMP
Pyrene	Sample Permit	<	0.01296 0.01781	<	0.01425 0.04275	lbs. / day lbs. / day	1 1	COMP

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Compliance or no	i compliance	statement wi	th com	Pliance sc	hedule (	use additio	onal sheets
SUN CHEN PARAMETER	very parame	eter used.  S reporting	ng (	iomplia	y ce	with	all
PARAMETER	20 0 9	4.0 CFR 4	74 5	SISTACT	1+.		-
Explain Method f	or preserving	; samples		1			.•
See	leiler	from G	ene i	ra L TE	sting	. LABS	3
I certify under under my direct qualified person inquiry of the responsible for a knowledge and significant pensionment for a contract of the	ion or super nel properly person or p gathering the belief, true lties for sub-	vision in acco gather and ever ersons who a Information, e, accurate, mitting false i	ordaned white white the inf and ed	e with a sy the inform the syste formation s implete.	stem de ation submitte am am am ation de temperature de temperatur	esigned to omitted. I hose persi dis, to the ware tha	nssure the Based on m ons directle best of m t there a
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		Dennis	Mo	rrison		ness <del>a</del>	

PVSC Form MR-1 Rev. 5 3/91 P2

# SunChemical

Pigments Division
Sun Chemical Corporation
185 Foundry Street
Newark NJ 07105
201 344 4879
201 344 6875 Fax

August 1, 1996

Passaic Valley Sewerage Commissioners 600 Wilson Avenue Newark, New Jersey 07105 ATTN: Industrial and Pollution

RE: MR-1 Report for June 1996

Mr. D'Ascensio:

Enclosed please find an MR-1 report for the period covering June 1 throughout the SunChemical Corporation facility located at the above address.

If you have any questions regarding this information, please contact me at your (201) 344-4879.

Very Truly Yours,

Dennis Morrison Plant Manager

cc:

J. Wiedow

w/o encl.

R. Sharkey

w/ encl.

A. Shearer

w/o encl.

Name 50/	U CHEMICA			,		
Mailing Addres	185 FOUND 1	RYST /	Vewark	N.J.	07105	<del>-</del>
Facility Locat	ion 185 FOUNT	DRY ST	NewAK	ic N,	J 0710	5
Category & Su	obpure 40 CFR 414	SUBPART	1-1 Outlet	1204	01042-4	
	al Dennis Mo					
6 1 96 Mo Day Yr. Start	Mo. Day Yr. End  te (if applicable)	V.	For Regulated flow otal Flow-gal lethod used TAL INCOMA POINTION - UIUEN BY	/day_ <i>\$7</i>	81776 950 9	MAX \$9953 \$645 5%for werkers.
Parameter			<u>t or Concentr</u> Maximum	ation Units	No. of Samples	Sample typ Comp./gral
	  Sample measuremen					
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See NOTE: N	ATTAChed o Modifica the plot	ations plan	have during	Seed this	1 mad peri	e j

## Monthly Water Calculation June 1996

# Water Meter Readings

<u>Date</u>	Meter 1(Ft3)	Meter 2(Ft3)	Met	er 3(gal)	
June 1 June 30	0192520 0251230	47180870 47470890		4200 9000	
Difference	58710	290020	24	800	
Total Gallon	as = [Meter 1(Ft3) +	Meter 2(Ft3)]. x 7.48	= 2	,608,500	gallons
Minus 5% E	vaporation		=	130,425	gallons
Minus sanita	ary discharge = Mete	er 3(gal)	=	24,800	gallons
Total Regula	ated Flow		= 2	,453,275	gallons

#### Sun Chemical 185 Foundry Street Newark, N.J. 07105 Permit # 20401042-44100-0201

## Month of June 1996

,			Average Water Value		Maximum Water Value			
Water Volume of period Working days Average Gallons / Day Million Gallons / Day			2,453,275 30 81,776 0.0818		2,698,603 30 89,953 0.0900			
Parameter			Monthly Average		Daily <u>Maximum</u>	<u>Units</u>	# samples	sample type
1,2 Dichlorbenzene	Sample Permit	<	0.01910 0.17457	<	0.02101 0.70721	lbs. / day lbs. / day	1 1	COMP
1,3 Dichlorobenzene	Sample Permit	<	0.02046 0.12648	<	0.02251 0.33846	lbs. / day lbs. / day	1 1	COMP
1,4 Dichlorobenzene	Sample Permit	<	0.01773 0.12648	<	0.01951 0.33846	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethylene	Sample Permit	<	0.01364 0.01960	<	0.01500 0.05344	lbs. / day lbs. / day	1 1	GRAB
1,2 trans-Dichloroethylene	Sample Permit	<	0.01910 0.02227	<	0.02101 0.05879	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloropropane	Sample Permit	<	0.00682 0.17457	<	0.00750 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,3 Dichloropropylene	Sample Permit	<	0.00048 0.17457	<	0.00053 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloroethane	Sample Permit	<	0.01364 0.16032	<	0.01500 0.51125	lbs. / day lbs. / day	1 1	GRAB
1,1,1 Trichloroethane	Sample Permit	<	0.01023 0.01960	<	0.01125 0.05255	lbs. / day lbs. / day	1 1	GRAB
Hexachloroethane	Sample Permit	<	0.01569 0.17457	<	0.01725 0.70721	lbs. / day lbs. / day	1 1	COMP
Methylene Chloride	Sample Permit	<	0.00027 0.03206	<	0.00030 0.15142	lbs. / day lbs. / day	1 1	GRAB
Ethylbenzene	Sample Permit	<	0.00055 0.12648	<	0.00060 0.33846	lbs. / day lbs. / day	1 1	GRAB

Methylchloride	Sample Permit	<	0.00682 0.09798	<	0.00750 - 0.26275	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobutadiene	Sample Permit	<	0.01296 0.12648	<	0.01425 0.33846	lbs. / day lbs. / day	1	COMP
Nitrobenzene	Sample Permit		0.06820 1.99247		0.07502 5.70218	lbs. / day lbs. / day	1 1	COMP
2-Nitrophenol	Sample Permit	<	0.01773 0.05789	<	0.01951 0.20575	lbs. / day lbs. / day	1 1	COMP
4-Nitrophenol	Sample Permit	<	0.03274 0.14429	<	0.03601 0.51304	lbs. / day lbs. / day	1 1	COMP
4,6 Dinitro O-cresol	Sample Permit	<	0.01910 0.06947	<	0.02101 0.24672	lbs. / day lbs. / day	1 1	COMP
Tetrachloroethylene	Sample Permit	<	0.01910 0.04632	<	0.02101 0.14607	lbs. / day lbs. / day	1 1	COMP
Toluene	Sample Permit	<	0.01569 0.02494	<	0.01725 0.06591	lbs. / day lbs. / day	1 1	GRAB
Trichloroethylene	Sample Permit	<	0.01569 0.02316	<	0.01725 0.06146	lbs. / day lbs. / day	1 1	GRAB
Benzene	Sample Permit	<	0.01228 0.05077	<	0.01350 0.11935	lbs. / day lbs. / day	1 1	GRAB
Carbontetrachloride	Sample Permit	<	0.01023 0.12648	<	0.01125 0.33846	lbs. / day lbs. / day	1 1	GRAB
1,2,4 Trichlorobenzene	Sample Permit	<	0.01978 0.17457	<	0.02176 0.70721	lbs. / day lbs. / day	1 1	COMP
Chlorobenzene	Sample Permit	<	0.01023 0.12648	<	0.01125 0.33846	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobenzene	Sample Permit	<	0.01500 0.17457	<	0.01650 0.70721	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethane	Sample Permit	<	0.01569 0.01960	<	0.01725 0.05255	lbs. / day lbs. / day	1 1	GRAB
1,1,2 Trichloroethane	Sample Permit	<	0.02728 0.02850	<	0.03001 0.11312	lbs. / day lbs. / day	1 1	GRAB
Chloroethane	Sample Permit	<	0.02387 0.09798	<	0.02626 0.26275	lbs. / day lbs. / day	1 1	COMP
Chloroform	Sample Permit	<	0.01228 0.09887	<	0.01350 0.28947	lbs. / day lbs. / day	1 1	GRAB

Vinyl Chloride	Sample Permit	<	0.01910 0.08640	<	0.02101 0.15320	lbs. / day lbs. / day	1 1	GRAB
Total cyanide	Sample Permit	<	0.00682 0.37409	<	0.00750 1.06882	lbs. / day lbs. / day	1 1	GRAB
Total lead - Not regulated per PVSC letter 1/31/95	Sample Permit	< N	0.00000 ot Regulated	< No	0.00000 ot Regulat	lbs. / day lbs. / day	1 1	COMP
Total zinc	Sample Permit		0.19369 0.93522		0.21306 2.32469	lbs. / day lbs. / day	1 1	COMP
Acenaphthene	Sample Permit	<	0.01637 0.01692	<	0.01801 0.04186	lbs. / day lbs. / day	1 1	COMP
Anthracene	Sample Permit	<	0.01500 0.01692	<	0.01650 0.04186	lbs. / day lbs. / day	1 1	COMP
Bis (2-Ethylhexyl) phthalate	Sample Permit		0.03478 0.08462		0.03826 0.22980	lbs. / day lbs. / day	1 1	COMP
Di-n-butyl phthalate	Sample Permit	<	0.01432 0.01781	<	0.01575 0.03830	lbs. / day lbs. / day	1 1	COMP
Diethyl phthalate	Sample Permit	<	0.01773 0.04097	<	0.01951 0.10065	lbs. / day lbs. / day	1	COMP
Dimethyl phthalate	Sample Permit	<	0.01773 0.01692	<	0.01951 0.04186	lbs. / day lbs. / day	1 1	COMP
Fluoranthene	Sample Permit	<	0.01228 0.01960	<	0.01350 0.04810	lbs. / day lbs. / day	1 1	COMP
Fluorene	Sample Permit	<	0.01910 0.01692	<	0.02101 0.04186	lbs. / day lbs. / day	1 1	COMP
Naphthalene	Sample Permit	<	0.01569 0.01692	<	0.01725 0.04186	lbs. / day lbs. / day	1 1	COMP
Phenanthrene	Sample Permit	<	0.01432 0.01692	<	0.01575 0.04186	lbs. / day lbs. / day	1 1	COMP
Pyrene	Sample Permit	<	0.01978 0.01781	<	0.02176 0.04275	lbs. / day lbs. / day	1 1	COMP

Certification of Hon-use if applienble (use additional sheets)	:
Compliance or non-compliance statement with compliance schedule (use add	itional sheets
SUN CHEMICAL 18 reporting Compliance with PARAMETERS of 40 CFR 4-14 SUBTARTITY	
Explain Method for preserving samples	1
SEE letter from General TESTING LAI	3D .
I certify under penalty of law that this document and all attachments under my direction or supervision in accordance with a system designed qualified personnel properly gather and evadate the information submitted inquiry of the person or persons who manage the system, or those persponsible for gathering the information, the information submitted is, to knowledge and belief, true, accurate, and complete. I am aware significant penalties for submitting false information, including the possibling risonment for knowing violations.	to assure that I. Based on my ersons directly the best of my that there are
403.6(a)(2)(ii) revised by 53 FM 40610, October 17. 1988  Signature of Principal Executive or Authorized Agent	•
Dennis Morrison	

PVSC Form MR-1 Rev. 5 3/91 P2

# sunchemical

Pigments Division territa a la represi

August 20, 1996

Passaic Valley Sewerage Commissioners 600 Wilson Avenue Newark, New Jersey 07105 ATTN: Industrial and Pollution

RE: MR-2 Report for July 1996

Mr. D'Ascensio:

Enclosed please find an MR-2 report for the period covering July 1 through July 31, 1996 or the SunChemical Corporation facility located at the above address.

If you have any questions regarding this information, please contact me at your convenience at (201) 344-4879.

Very Truly Yours,

James Wiedow

Environmental Manager

cc:

D. Morrison w/o encl.

R. Sharkev w/ encl.

A. Shearer w/o encl.

## Monthly Water Calculation July 1996



<u>Date</u>	Meter 1(Ft3)	Meter 2(Ft3)	<u>Met</u>	er 3(gal)	
July 1 July 31	0251230 0310510	47470890 47776350		9000 6100	
Difference	59280	305460	17	100	
Total Gallor	ns = [Meter 1(Ft3) + 1]	Meter 2(Ft3)]. x 7.48	= 2	,728.255	gallons
Minus 5% E	vaporation		=	136,413	gallons
Minus sanita	ary discharge = Meter	r 3(gal)	=	17.100	gallons
Total Regula	ated Flow		= 2.	574,742	gallons

#### **USER CHARGE SELF MONITORING REPORT**

AUG 199
RECEIVET
INDUSTRIA
DEPARTMEN

Name

SUN CHEMICAL CORPORATION

Address

185 FOUNDRY STREET NEWARK, NEW JERSEY 07105

**Facility Location** 

185 FOUNDRY STREET NEWARK, NEW JERSEY 07105

Outlet Designation (17 digits)

20401042-44100-201

Monitoring Period	
Start	End
7 01 96	7 31 96

Volume Discharged this Pe	riod
2,574,742 Gallons	

Date	BOD	TSS	Date	BOD	TSS	
	0310	0530		0310	0530	
07/01/96	1,010	170				
07/02/96	2,250	176				
07/05/96	4,440	233				
07/08/96	4,080	27				
07/12/96	2,350	59				
07/15/96	493	171				
07/17/96	2,290	136				
07/19/96	2,510	116				
07/22/96	20,700	81				
07/24/96	6,360	57				
07/26/96	2,110	292				
07/29/96	4,280	69				
07/31/96	1,560	98				
		1				

Signature	of	Prin	cipal
or Authoriz	zec	d Aa	ent

Type name and title

Telephone number

and Date 201-344-4879

Dennis Morrison Plant Manager

August 20, 1996

PVSC FORM MR-2 REV.2 1/86

# **USER CHARGE SELF MONITORING REPORT**



Name	SUN CHEMICA	L CORPOR	RATION	
Address	185 FOUNDRY	STREET N	NEWARK, NEW JERSEY 07105	
Facility Location 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105				
Outlet Designation (17 digits) 20401041-44100-201				
Monitoring Period Volume Discharged this Period				
Start		End		
7 01 96		7 31 96	17,100 Gallons	

# Sanitary Discharge Only

Date	BOD	TSS	Date	BOD	TSS	
-	0310	0530		0310	0530	
	NA ·	NA				

Signature of Principal	Type name and title	Telephone number
or(Authorized Agent		and Date
· // . : :	Dennis Morrison	201-344-4879
Lems/lyxxx	Plant Manager	August 20, 1996
7		